

**SAMPLE RECEIPT FORM / CHEMICAL ANALYSIS FORM**

FILE #: PR142930

CLIENT: City of Spokane  
N. 4401 A.L. White Parkway  
Spokane, WA 99205Phone: (509) 625-4638  
Email: jdonovan@spokanecity.orgRECEIVED BY: M. de Lemos  
CONDITION: good, 3.8°C

DATE/TIME: November 14, 2014 (9:30 a.m.)

<u># of Containers</u>	<u>Sample Type</u>	<u>Sample (Client Codes)</u>	<u>Lab Codes</u>	<u>Test Requested</u>
1	Liquid	PCB Product Sample – (104-101314-1100) #14-15216	PR142930	209PCB
1	Liquid	PCB Product Sample – (103-101314-1100) #14-15217	PR142931	209PCB
1	Liquid	PCB Product Sample – (102-101314-1100) #14-15218	PR142932	209PCB
1	Liquid	PCB Product Sample – (101-101314-1100) #14-15219	PR142933	209PCB
1	Liquid	PCB Product Sample – (027-101014-0950) #14-15220	PR142934	209PCB
1	Liquid	PCB Product Sample – (023-101014-1035) #14-15521	PR142935	209PCB
1	Liquid (diesel)	PCB Product Sample – (019-082114-1127) #14-15222	PR142936	209PCB
1	Liquid (gasoline)	PCB Product Sample – (020-082114-1104) #14-15223	PR142937	209PCB
1	Liquid (aerosol paint)	PCB Product Sample – (006-082714-1045) #14-15224	PR142938	209PCB
1	Liquid (aerosol paint)	PCB Product Sample – (005-100314-1430) #14-15225	PR142939	209PCB
1	Liquid (pesticide/ herbicide)	PCB Product Sample – (012-091814-0930) #14-15226	PR142940	209PCB
1	Liquid (pesticide/ herbicide)	PCB Product Sample – (013-091814-0940) #14-15227	PR142941	209PCB
1	Liquid (pesticide/ herbicide)	PCB Product Sample – (014-091814-0945) #14-15228	PR142942	209PCB

STORAGE: Stored at 4°C.

ANALYTES: HRGC/HRMS analysis for polychlorinated biphenyls (209 congeners)

SPECIAL INSTRUCTIONS: none



**METHODOLOGY**

Reference Method: PCB: SOP LAB02; EPA Method 1668

Data summarized in Data Report Attached

Report sent to: Jeff Donovan

Date: December 22, 2014

Comments: Results relate only to items tested.



## Case Narrative – PCBs

### Sample Preparation

The samples were batched into different classes depending on the type of material submitted. The classes were oil; water soluble liquid; paint; and solids. Each batch consisted of a number of samples, one duplicate, a blank and a spike (LCS).

- Petroleum Products - Approximately 1.0 g of product was spiked with 5 ng each of 27 carbon-13 labelled PCB internal standards and placed in a vial containing 40 mL of concentrated H<sub>2</sub>SO<sub>4</sub>. Clean-up standard (5 ng) was added at this time. 20 mL of 9:1 hexane/acetone was added and the sample was sonicated for 20 minutes.
- Water soluble liquids - Approximately 1.0 g of liquid was spiked with 5 ng each of 27 carbon-13 labelled PCB internal standards and placed in a vial containing 60 mL of concentrated H<sub>2</sub>SO<sub>4</sub>. Clean-up standard (5 ng) was added at this time. 20 mL of 9:1 hexane/acetone was added and the sample was sonicated for 20 minutes.
- Paint - Approximately 1.0 g of paint was spiked with 5 ng each of 27 carbon-13 labelled PCB internal standards and placed in a vial containing 40 mL of concentrated H<sub>2</sub>SO<sub>4</sub>. Clean-up standard (5 ng) was added at this time. 20 mL of 9:1 hexane/acetone was added and the sample was sonicated for 20 minutes.
- Pesticides – Approximately 1.0 g of pesticide was spiked with 5 ng each of 27 carbon-13 labelled PCB internal standards and placed in a vial containing 40 mL of concentrated H<sub>2</sub>SO<sub>4</sub>. Clean-up standard (5 ng) was added at this time. 20 mL of 9:1 hexane/acetone was added and the sample was sonicated for 20 minutes.

The hexane was removed and then cleaned up in acid silica gel column. The eluate from the column was concentrated by rotary evaporator to 2 mL and further reduced to 50 µL by a gentle stream of nitrogen. Recovery standard (5 ng) was added and the final volume made up to 100 µL (with the exception of the diesel fuel, which had a final volume of 10 mL).

### Instrument Calibration

All samples were analysed on a Thermo Instruments DFS high resolution mass spectrometer coupled with a Thermo Trace gas chromatograph. The column used was a 60 m HT8 (SGE), 0.15 µm, 0.25 mm i.d.

A six point calibration covering the first and last eluters in each level of chlorination (LOC), plus all dioxin-like PCBs was run on December 12, 2014. A single point cali for the remaining congeners was run on December 12, 2014.

1. All LOC/Toxic CBs are calibrated as per EPA 1668c §10.4.

An initial six point calibration (CS-LO, CS-1 to CS-5) consisting of the first and last eluting congener in for each homolog plus the twelve toxic PCBs was run covering the range of 0.2 ng/mL to 2000 ng/mL. Surrogate and recovery standards are kept at a constant 100 ng/mL.

- Internal standards were quantified relative to the Recovery Standards as follows:
  - use PCB-009L as per method for PCB001L, PCB003L, PCB004L and PCB015L. Also use for PCB019L



- use PCB-052L as per method for PCB037L, PCB054L, PCB081L, PCB077L and PCB028L.
- use PCB-101L as per method for PCB104L and PCB111L. Also use for and PCB155L.
- use PCB-138L as per method for PCB167L, PCB156L, PCB157L and PCB169L. Also use for PCB123L, PCB118L, PCB114L, PCB105L, PCB126L, PCB188L, PCB178L and PCB202L.
- use PCB-194L as per method for PCB189L, PCB205L, PCB206L, PCB208L and PCB209L.

2. All other CBs are calibrated by internal standard as per EPA 1668c §10.5:

- All other CBs are calibrated against the average response for all internal standards in a given LOC.
- Concentrations for natives and internal standards are as follows:
  - MoCB, DiCB and TriCB @ 25 ng/mL
  - TeCB, PeCB, HxCB and HpCB @ 50 ng/mL
  - OcCB, NoCB @ 75 ng/mL
  - All internal standards @ 100 ng/mL

### Calibration Verification

The calibration was verified at the beginning and end of the run (or every twelve hours) with a single-point 209 congener standard (CS209, 25-75 ng/mL). The criteria used to evaluate data is from 1668C :

- 75-125% for LOC and dl-PCBs. All other PCBs require correct ion ratios
- 50-145% for labelled compounds.

The CalVers were acceptable.

### Mass Resolution

The high resolution mass spectrometer was operated at a resolution of >8,000. This resolution was checked each day documented in hardcopy.

### **Results**

All data was quantified using TargetQuan 3.1 software.

All data <5x blank levels are flagged with a B.

Any congener data that failed to meet acceptable ion ratios was flagged with an "NJ" provided its EMPC was greater than the reporting limit. All congeners with an NJ flag are not included in the Totals.

EQLs were calculated assuming a final volume of 100 µL. For a 1.0 g sample and CS-Lo of 0.1 ng/mL, the EQL calculates to 0.02 ng/kg. All data below the EQL but above the RL was flagged with a J.

The following flags or qualifiers have been used with this data set:

- B: sample concentration is <5x concentration found in the blank
- U: not detected at the concentration listed
- J: sample concentration is less than lowest point on calibration curve
- N: not detected due to incorrect ion ratio. Concentration report is EMPC.

### Standard Recoveries

All standard recoveries were within the limits specified by the method:

- Mono, Di and Trichlorobenzenes – 5-145%



- All other chlorobenzenes – 10-145%

For sample PR142936 (diesel fuel), the sample needed to be diluted due to coextracting interferences. Lock mass failed for Mono-, Di-, and TriCBs. As a result, detection limits were raised to 2 µg/Kg.

## QC Samples

### Blanks

Method blank was carried through the extraction and clean-up procedure. All data <5x blank levels are flagged with a B.

### Spikes

Blank matrix was spiked with 1 ng each of 72 PCB congeners and carried through the extraction and clean-up procedures. Recoveries of all toxic PCBs and window defining PCBs within the acceptable range of 50-150%.

### Duplicates

Four samples were analyzed in duplicate. The criteria used to evaluate these duplicates was a relative percent difference (difference / mean) of <50% when congeners were detected in both samples at a level greater than 10 x the detection limit. All duplicates met this criteria.



Digitally signed by David Hope  
DN: c=CA, st=BC, l=Surrey,  
o=Pacific Rim Laboratories Inc.,  
cn=David Hope,  
email=dave@pacificrimlabs.com  
Date: 2014.12.22 14:46:18  
-08'00'

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Dave Hope PChem, CEO



# DATA REPORT

Client:	City of Spokane	Contact: Jeffery Donovan
Client ID:	PCB Product Sample (104-101314-1100)	Date Extracted: 12/3/2014
Field ID:	#14-15216 (Liquid)	Date Analysed: 12/14/2014
PRL ID:	PR142930	HRMS File: FS12131414

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2-MoCB	PCB-001	2051-60-7	0.0011	0.0011	UJ	0.0011
3-MoCB	PCB-002	2051-61-8	0.0023	0.0023	UJ	0.0023
4-MoCB	PCB-003	2051-62-9	0.0024	0.0024	UJ	0.0024
2,6-DiCB	PCB-010	33146-45-1	0.0036	0.0036	UJ	0.0036
2,2'-DiCB	PCB-004	13029-08-8	0.0036	0.0036	UJ	0.0036
2,5-DiCB	PCB-009	34883-39-1	0.0044	0.0044	UJ	0.0044
2,4-DiCB	PCB-007	33284-50-3	0.0024	0.0024	UJ	0.0024
2,3'-DiCB	PCB-006	25569-80-6	0.0038	0.0038	UJ	0.0038
2,3/2,4'-DiCB	PCB-005/008		0.0032	0.0032	UJ	0.0032
3,5-DiCB	PCB-014	34883-41-5	0.004	0.004	UJ	0.004
3,3'-DiCB	PCB-011	2050-67-1	0.048	0.0043		0.0043
3,4/3,4'-DiCB	PCB-012/013		0.0038	0.0038	UJ	0.0038
4,4'-DiCB	PCB-015	2050-68-2	0.008	0.008	UJ	0.008
2,2',6-TrCB	PCB-019	38444-73-4	0.001	0.001	UJ	0.001
2,4,6-TrCB	PCB-030	35693-92-6	0.0011	0.0011	UJ	0.0011
2,2',5-TrCB	PCB-018	37680-65-2	0.0014	0.0013	NJ	0.0013
2,2',4-TrCB	PCB-017	37680-66-3	0.0015	0.0015	UJ	0.0015
2,3,6-TrCB	PCB-024	55702-45-9	0.0013	0.0013	UJ	0.0013
2,3',6-TrCB	PCB-027	38444-76-7	0.0007	0.0007	UJ	0.0007
2,4',6-TrCB	PCB-032	38444-77-8	0.0011	0.0011	UJ	0.0011
2,2',3-TrCB	PCB-016	38444-78-9	0.0017	0.0017	UJ	0.0017
2,3,5-TrCB	PCB-023	55720-44-0	0.0008	0.0008	UJ	0.0008
2,3',5-TrCB	PCB-034	37680-68-5	0.0008	0.0008	UJ	0.0008
2,4,5-TrCB	PCB-029	15862-07-4	0.0005	0.0005	UJ	0.0005
2,3',5-TrCB	PCB-026	38444-81-4	0.0007	0.0007	UJ	0.0007
2,3',4-TrCB	PCB-025	55712-37-3	0.0007	0.0007	UJ	0.0007
2,4',5-TrCB	PCB-031	16606-02-3	0.0035	0.0005	NJ	0.0005
2,4,4'-TrCB	PCB-028	7012-37-5	0.004	0.0009	BJ	0.0009
2,3,4-TrCB	PCB-021	55702-46-0	0.0012	0.0012	UJ	0.0012
	PCB-020/033		0.0054	0.0008	J	0.0008
2,3,4'-TrCB	PCB-022	38444-85-8	0.0018	0.001	NJ	0.001
3,3',5-TrCB	PCB-036	38444-87-0	0.0007	0.0007	UJ	0.0007
3,4',5-TrCB	PCB-039	38444-88-1	0.0008	0.0008	UJ	0.0008
3,4,5-TrCB	PCB-038	53555-66-1	0.001	0.001	UJ	0.001
3,3',4-TrCB	PCB-035	37680-69-6	0.0009	0.0009	UJ	0.0009
3,4,4'-TrCB	PCB-037	38444-90-5	0.0027	0.0027	UJ	0.0027
2,2',6,6'-TeCB	PCB-054	15968-05-5	0.0003	0.0003	UJ	0.0003
2,2',4,6'-TeCB	PCB-050	62796-65-0	0.0007	0.0007	UJ	0.0007
2,2',5,6'-TeCB	PCB-053	41464-41-9	0.0007	0.0007	UJ	0.0007
2,2',4,6'-TeCB	PCB-051	68194-04-7	0.0007	0.0007	UJ	0.0007
2,2',3,6'-TeCB	PCB-045	70362-45-7	0.0021	0.0007	NJ	0.0007
2,2',3,6'-TeCB	PCB-046	41464-47-5	0.0008	0.0008	UJ	0.0008
	PCB-052/069		0.0006	0.0006	UJ	0.0006
2,3',5',6'-TeCB	PCB-073	74338-23-1	0.0005	0.0005	UJ	0.0005
	PCB-043/049		0.0007	0.0007	UJ	0.0007
	PCB-065/075		0.0039	0.0006	J	0.0006
	PCB-047/048		0.0012	0.0006	NJ	0.0006
2,3,4,6'-TeCB	PCB-062	54230-22-7	0.0004	0.0004	UJ	0.0004
2,2',3,5'-TeCB	PCB-044	41464-39-5	0.002	0.001	NJ	0.001
2,3,3',6'-TeCB	PCB-059	74472-33-6	0.0005	0.0005	UJ	0.0005
2,2',3,4'-TeCB	PCB-042	36559-22-5	0.0009	0.0007	NJ	0.0007
	PCB-064/072		0.0006	0.0006	UJ	0.0006



# DATA REPORT

Client:	City of Spokane	Contact: Jeffery Donovan
Client ID:	PCB Product Sample (104-101314-1100)	Date Extracted: 12/3/2014
Field ID:	#14-15216 (Liquid)	Date Analysed: 12/14/2014
PRL ID:	PR142930	HRMS File: FS12131414

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3',4',6'-TeCB	PCB-071	41464-46-4	0.002	0.0004	NJ	0.0004
2,2',3,4'-TeCB	PCB-041	52663-59-9	0.0013	0.0007	NJ	0.0007
2,3',4,5'-TeCB	PCB-068	73575-52-7	0.0005	0.0005	UJ	0.0005
	PCB-040/057		0.0007	0.0007	UJ	0.0007
2,3',4,5'-TeCB	PCB-067	73575-53-8	0.0006	0.0006	UJ	0.0006
2,3,4',5'-TeCB	PCB-063	74472-34-7	0.0007	0.0007	UJ	0.0007
2,3,3',5'-TeCB	PCB-058	41464-49-7	0.0004	0.0004	UJ	0.0004
2,3,4,5'-TeCB	PCB-061	33284-53-6	0.0006	0.0006	UJ	0.0006
2,4,4',5'-TeCB	PCB-074	32690-93-0	0.0006	0.0006	UJ	0.0006
2,3',4',5'-TeCB	PCB-070	32598-11-1	0.0009	0.0009	UJ	0.0009
	PCB-055/080		0.0006	0.0006	UJ	0.0006
2,3',4,4'-TeCB	PCB-066	32598-10-0	0.0006	0.0004	J	0.0004
2,3',4',5'-TeCB	PCB-076	70362-48-0	0.0006	0.0006	UJ	0.0006
2,3,4,4'-TeCB	PCB-060	33025-41-1	0.001	0.001	UJ	0.001
2,3,3',4'-TeCB	PCB-056	41464-43-1	0.0004	0.0004	UJ	0.0004
3,3',4,5'-TeCB	PCB-079	41464-48-6	0.0007	0.0007	UJ	0.0007
3,3',4,5'-TeCB	PCB-078	70362-49-1	0.0006	0.0006	UJ	0.0006
3,4,4',5'-TeCB	PCB-081	70362-50-4	0.0014	0.0014	UJ	0.0014
3,3',4,4'-TeCB	PCB-077	32598-13-3	0.0014	0.0014	UJ	0.0014
2,2',4,6,6'-PeCB	PCB-104	56558-16-8	0.0005	0.0005	UJ	0.0005
2,2',3,6,6'-PeCB	PCB-096	73575-54-9	0.0007	0.0007	UJ	0.0007
2,2',4,5',6'-PeCB	PCB-103	60145-21-3	0.0009	0.0009	UJ	0.0009
2,2',4,4',6'-PeCB	PCB-100	39485-83-1	0.001	0.001	UJ	0.001
2,2',3,5,6'-PeCB	PCB-094	73575-55-0	0.0011	0.0011	UJ	0.0011
	PCB-093/098/102		0.0011	0.0011	UJ	0.0011
2,2',3,5',6'-PeCB	PCB-095	38379-99-6	0.0008	0.0008	UJ	0.0008
2,2',3,4,6'-PeCB	PCB-088	55215-17-3	0.001	0.001	UJ	0.001
	PCB-091/121		0.0008	0.0008	UJ	0.0008
2,2',3,3',6'-PeCB	PCB-084	52663-60-2	0.0011	0.0011	UJ	0.0011
2,2',3,5,5'-PeCB	PCB-092	52663-61-3	0.0011	0.0011	UJ	0.0011
2,2',3,4,6'-PeCB	PCB-089	73575-57-2	0.0012	0.0012	UJ	0.0012
2,2',3,4',5'-PeCB	PCB-090	68194-07-0	0.0012	0.0012	UJ	0.0012
2,2',4,5,5'-PeCB	PCB-101	37680-73-2	0.0008	0.0008	UJ	0.0008
2,3,3',5',6'-PeCB	PCB-113	68194-10-5	0.0009	0.0009	UJ	0.0009
2,2',4,4',5'-PeCB	PCB-099	38380-01-7	0.0009	0.0009	UJ	0.0009
	PCB-112/119		0.0008	0.0008	UJ	0.0008
	PCB-083/109		0.001	0.001	UJ	0.001
	PCB-086/117		0.0012	0.0012	UJ	0.0012
	PCB-097/116		0.0009	0.0009	UJ	0.0009
2,3',4',5',6'-PeCB	PCB-125	74472-39-2	0.0008	0.0008	UJ	0.0008
	PCB-087/115		0.001	0.001	UJ	0.001
2,3,3',5,5'-PeCB	PCB-111	39635-32-0	0.0008	0.0008	UJ	0.0008
2,2',3,4,4'-PeCB	PCB-085	65510-45-4	0.0011	0.0011	UJ	0.0011
2,3',4,5,5'-PeCB	PCB-120	68194-12-7	0.0009	0.0009	UJ	0.0009
2,3,3',4',6'-PeCB	PCB-110	38380-03-9	0.0008	0.0008	UJ	0.0008
2,2',3,3',4'-PeCB	PCB-082	52663-62-4	0.0013	0.0013	UJ	0.0013
2,3',4',5,5'-PeCB	PCB-124	70424-70-3	0.0004	0.0004	UJ	0.0004
	PCB-107/108		0.0005	0.0005	UJ	0.0005
2,3',4,4',5'-PeCB	PCB-123	65510-44-3	0.0005	0.0005	UJ	0.0005
2,3,3',4,5'-PeCB	PCB-106	70424-69-0	0.0004	0.0004	UJ	0.0004
2,3',4,4',5'-PeCB	PCB-118	31508-00-6	0.0006	0.0006	UJ	0.0006
2,3,4,4',5'-PeCB	PCB-114	74472-37-0	0.0006	0.0006	UJ	0.0006



# DATA REPORT

Client:	<u>City of Spokane</u>	Contact: <u>Jeffery Donovan</u>
Client ID:	<u>PCB Product Sample (104-101314-1100)</u>	Date Extracted: <u>12/3/2014</u>
Field ID:	<u>#14-15216 (Liquid)</u>	Date Analysed: <u>12/14/2014</u>
PRL ID:	<u>PR142930</u>	HRMS File: <u>FS12131414</u>

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3,3',4',5'-PeCB	PCB-122	76842-07-4	0.0005	0.0005	UJ	0.0005
	PCB-105/127		0.0006	0.0006	UJ	0.0006
3,3',4,4',5'-PeCB	PCB-126	57465-28-8	0.001	0.001	UJ	0.001
2,2',4,4',6,6'-HxCB	PCB-155	33979-03-2	0.0003	0.0003	UJ	0.0003
2,2',3,4',6,6'-HxCB	PCB-150	68194-08-1	0.0004	0.0004	UJ	0.0004
2,2',3,5,6,6'-HxCB	PCB-152	68194-09-2	0.0004	0.0004	UJ	0.0004
2,2',3,4,6,6'-HxCB	PCB-145	74472-40-5	0.0004	0.0004	UJ	0.0004
	PCB-136/148		0.0004	0.0004	UJ	0.0004
2,2',4,4',5,6'-HxCB	PCB-154	60145-22-4	0.0005	0.0005	UJ	0.0005
2,2',3,5,5',6'-HxCB	PCB-151	52663-63-5	0.0005	0.0005	UJ	0.0005
2,2',3,3',5,6'-HxCB	PCB-135	52744-13-5	0.0006	0.0006	UJ	0.0006
2,2',3,4,5',6'-HxCB	PCB-144	68194-14-9	0.0006	0.0006	UJ	0.0006
2,2',3,4',5,6'-HxCB	PCB-147	68194-13-8	0.0005	0.0005	UJ	0.0005
	PCB-139/149		0.0006	0.0006	UJ	0.0006
2,2',3,4,4',6'-HxCB	PCB-140	59291-64-4	0.0002	0.0002	UJ	0.0002
2,2',3,4,5,6'-HxCB	PCB-143	68194-15-0	0.0002	0.0002	UJ	0.0002
2,2',3,3',5,6'-HxCB	PCB-134	52704-70-8	0.0003	0.0003	UJ	0.0003
2,2',3,4,5,6'-HxCB	PCB-142	41411-61-4	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,6'-HxCB	PCB-131	61798-70-7	0.0003	0.0003	UJ	0.0003
2,2',3,3',5,5'-HxCB	PCB-133	35694-04-3	0.0002	0.0002	UJ	0.0002
2,3,3',5,5',6'-HxCB	PCB-165	74472-46-1	0.0002	0.0002	UJ	0.0002
2,2',3,4',5,5'-HxCB	PCB-146	51908-16-8	0.0002	0.0002	UJ	0.0002
	PCB-132/161		0.0002	0.0002	UJ	0.0002
2,2',4,4',5,5'-HxCB	PCB-153	35065-27-1	0.0003	0.0002	NJ	0.0002
2,3',4,4',5',6'-HxCB	PCB-168	59291-65-5	0.0002	0.0002	UJ	0.0002
2,2',3,4,5,5'-HxCB	PCB-141	52712-04-6	0.0003	0.0003	UJ	0.0003
2,2',3,4,4',5'-HxCB	PCB-137	35694-06-5	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,5'-HxCB	PCB-130	52663-66-8	0.0003	0.0003	UJ	0.0003
	PCB-163/164		0.0002	0.0002	UJ	0.0002
	PCB-138/160		0.0002	0.0002	UJ	0.0002
2,3,3',4,4',6'-HxCB	PCB-158	74472-42-7	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,5'-HxCB	PCB-129	55215-18-4	0.0003	0.0003	UJ	0.0003
2,3,4,4',5,6'-HxCB	PCB-166	41411-63-6	0.0002	0.0002	UJ	0.0002
2,3,3',4,5,5'-HxCB	PCB-159	39635-35-3	0.0002	0.0002	UJ	0.0002
	PCB-128/162		0.0002	0.0002	UJ	0.0002
2,3',4,4',5,5'-HxCB	PCB-167	52663-72-6	0.0002	0.0002	UJ	0.0002
2,3,3',4,4',5'-HxCB	PCB-156	38380-08-4	0.0002	0.0002	UJ	0.0002
2,3,3',4,4',5'-HxCB	PCB-157	69782-90-7	0.0004	0.0002	NJ	0.0002
3,3',4,4',5,5'-HxCB	PCB-169	32774-16-6	0.0004	0.0004	UJ	0.0004
2,2',3,4',5,6,6'-HpCB	PCB-188	74487-85-7	0.0006	0.0002	NJ	0.0002
2,2',3,4,4',6,6'-HpCB	PCB-184	74472-48-3	0.0002	0.0002	UJ	0.0002
2,2',3,3',5,6,6'-HpCB	PCB-179	52663-64-6	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,6,6'-HpCB	PCB-176	52663-65-7	0.0002	0.0002	UJ	0.0002
2,2',3,4,5,6,6'-HpCB	PCB-186	74472-49-4	0.0002	0.0002	UJ	0.0002
2,2',3,3',5,5',6'-HpCB	PCB-178	52663-67-9	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,5',6'-HpCB	PCB-175	40186-70-7	0.0002	0.0002	UJ	0.0002
	PCB-182/187		0.0002	0.0002	UJ	0.0002
2,2',3,4,4',5',6'-HpCB	PCB-183	52663-69-1	0.0002	0.0002	UJ	0.0002
2,2',3,4,5,5',6'-HpCB	PCB-185	52712-05-7	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,5,6'-HpCB	PCB-174	38411-25-5	0.0003	0.0003	UJ	0.0003
2,2',3,4,4',5,6'-HpCB	PCB-181	74472-47-2	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,5',6'-HpCB	PCB-177	52663-70-4	0.0002	0.0002	UJ	0.0002



# DATA REPORT

Client:	City of Spokane	Contact: Jeffery Donovan
Client ID:	PCB Product Sample (104-101314-1100)	Date Extracted: 12/3/2014
Field ID:	#14-15216 (Liquid)	Date Analysed: 12/14/2014
PRL ID:	PR142930	HRMS File: FS12131414

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,2',3,3',4,4',6-HpCB	PCB-171	52663-71-5	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,5,6-HpCB	PCB-173	68194-16-1	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,5,5'-HpCB	PCB-172	52663-74-8	0.0003	0.0003	UJ	0.0003
2,3,3',4,5,5',6-HpCB	PCB-192	74472-51-8	0.0002	0.0002	UJ	0.0002
2,2',3,4,4',5,5'-HpCB	PCB-180	35065-29-3	0.0003	0.0003	UJ	0.0003
2,3,3',4',5,5',6-HpCB	PCB-193	69782-91-8	0.0002	0.0002	UJ	0.0002
2,3,3',4,4',5',6-HpCB	PCB-191	74472-50-7	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,4',5-HpCB	PCB-170	35065-30-6	0.0003	0.0003	UJ	0.0003
2,3,3',4,4',5,6-HpCB	PCB-190	41411-64-7	0.0002	0.0002	UJ	0.0002
2,3,3',4,4',5,5'-HpCB	PCB-189	39635-31-9	0.0002	0.0002	UJ	0.0002
2,2',3,3',5,5',6,6'-OcCB	PCB-202	2136-99-4	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,5',6,6'-OcCB	PCB-201	40186-71-8	0.0002	0.0002	UJ	0.0002
2,2',3,4,4',5,6,6'-OcCB	PCB-204	74472-52-9	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,4',6,6'-OcCB	PCB-197	33091-17-7	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,5,6,6'-OcCB	PCB-200	52663-73-7	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,5,5',6-OcCB	PCB-198	68194-17-2	0.0004	0.0004	UJ	0.0004
2,2',3,3',4,5,5',6'-OcCB	PCB-199	52663-75-9	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,4',5,6'-OcCB	PCB-196	42740-50-1	0.0003	0.0003	UJ	0.0003
2,2',3,4,4',5,5',6-OcCB	PCB-203	52663-76-0	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,4',5,6-OcCB	PCB-195	52663-78-2	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,4',5,5'-OcCB	PCB-194	35694-08-7	0.0002	0.0002	UJ	0.0002
2,3,3',4,4',5,5',6-OcCB	PCB-205	74472-53-0	0.0007	0.0002	NJ	0.0002
2,2',3,3',4,5,5',6,6'-NoCB	PCB-208	52663-77-1	0.0011	0.0011	UJ	0.0011
2,2',3,3',4,4',5,6,6'-NoCB	PCB-207	52663-79-3	0.0009	0.0009	UJ	0.0009
2,2',3,3',4,4',5,5',6-NoCB	PCB-206	40186-72-9	0.001	0.001	UJ	0.001
2,2',3,3',4,4',5,5',6,6'-DeCB	PCB-209	2051-24-3	0.0002	0.0002	UJ	0.0002

Homologs	# of Congeners	Conc.	DL	Flag
Monochlorobiphenyls	3	0.0011	0.0011	UJ
Dichlorobiphenyls	12	0.048	0.0024	
Trichlorobiphenyls	24	0.0094	0.0005	BJ
Tetrachlorobiphenyls	42	0.0045	0.0003	J
Pentachlorobiphenyls	46	0.0004	0.0004	UJ
Hexachlorobiphenyls	42	0.0002	0.0002	UJ
Heptachlorobiphenyls	24	0.0002	0.0002	UJ
Octachlorobiphenyls	12	0.0002	0.0002	UJ
Nonachlorobiphenyls	3	0.0009	0.0009	UJ
Decachlorobiphenyl	1	0.0002	0.0002	UJ
<b>Total PCB</b>		<b>0.0619</b>	<b>0.0002</b>	<b>B</b>



# DATA REPORT

Client:	City of Spokane	Contact: Jeffery Donovan
Client ID:	PCB Product Sample (104-101314-1100)	Date Extracted: 12/3/2014
Field ID:	#14-15216 (Liquid)	Date Analysed: 12/14/2014
PRL ID:	PR142930	HRMS File: FS12131414

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
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Surrogate Recoveries			Acceptance	
Chemical Name	IUPAC #	%	Min	Max
<sup>13</sup> C <sub>12</sub> -2-MoCB	1L	40	5	145
<sup>13</sup> C <sub>12</sub> -4-MoCB	3L	39	5	145
<sup>13</sup> C <sub>12</sub> -2,2'-DiCB	4L	38	5	145
<sup>13</sup> C <sub>12</sub> -4,4'-DiCB	15L	39	5	145
<sup>13</sup> C <sub>12</sub> -2,2',6'-TrCB	19L	35	5	145
<sup>13</sup> C <sub>12</sub> -3,4,4'-TrCB	37L	53	5	145
<sup>13</sup> C <sub>12</sub> -2,2',6,6'-TeCB	54L	42	5	145
<sup>13</sup> C <sub>12</sub> -3,4,4',5'-TeCB	81L	57	5	145
<sup>13</sup> C <sub>12</sub> -3,3',4,4'-TeCB	77L	51	10	145
<sup>13</sup> C <sub>12</sub> -2,2',4,6,6'-PeCB	104L	48	10	145
<sup>13</sup> C <sub>12</sub> -2',3,4,4',5'-PeCB	123L	64	10	145
<sup>13</sup> C <sub>12</sub> -2,3',4,4',5'-PeCB	118L	57	10	145
<sup>13</sup> C <sub>12</sub> -2,3,4,4',5'-PeCB	114L	58	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4'-PeCB	105L	62	10	145
<sup>13</sup> C <sub>12</sub> -3,3',4,4',5'-PeCB	126L	66	10	145
<sup>13</sup> C <sub>12</sub> -2,2',4,4',6,6'-HxCB	155L	62	10	145
<sup>13</sup> C <sub>12</sub> -2,3',4,4',5,5'-HxCB	167L	64	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5'-HxCB	156L	65	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5'-HxCB	157L	63	10	145
<sup>13</sup> C <sub>12</sub> -3,3',4,4',5,5'-HxCB	169L	62	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,4',5,6,6'-HpCB	188L	59	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5,5'-HpCB	189L	71	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',5,5',6,6'-OeCB	202L	74	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5,5',6-OeCB	205L	70	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',4',5,5',6,6'-NoCB	208L	72	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',4,4',5,5',6-NoCB	206L	70	10	145
<sup>13</sup> C <sub>12</sub> -DeCB	209L	79	10	145
<sup>13</sup> C <sub>12</sub> -2,4,4'-TrCB	28L	51	5	145
<sup>13</sup> C <sub>12</sub> -2,3,3',5,5'-PeCB	111L	60	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',5,5',6-HpCB	178L	70	10	145



# DATA REPORT

Client:	City of Spokane	Contact: Jeffery Donovan
Client ID:	PCB Product Sample (103-101314-1100)	Date Extracted: 12/3/2014
Field ID:	#14-15217 (Liquid)	Date Analysed: 12/14/2014
PRL ID:	PR142931	HRMS File: FS12131415

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2-MoCB	PCB-001	2051-60-7	0.0029	0.0029	UJ	0.0029
3-MoCB	PCB-002	2051-61-8	0.0076	0.0055	J	0.0055
4-MoCB	PCB-003	2051-62-9	0.0049	0.0047	J	0.0047
2,6-DiCB	PCB-010	33146-45-1	0.0073	0.0073	UJ	0.0073
2,2'-DiCB	PCB-004	13029-08-8	0.0081	0.0081	UJ	0.0081
2,5-DiCB	PCB-009	34863-39-1	0.0089	0.0089	UJ	0.0089
2,4-DiCB	PCB-007	33284-50-3	0.0073	0.0049	NJ	0.0049
2,3'-DiCB	PCB-006	25569-80-6	0.0077	0.0077	UJ	0.0077
2,3/2,4'-DiCB	PCB-005/008		0.0127	0.0066	J	0.0066
3,5-DiCB	PCB-014	34883-41-5	0.008	0.008	UJ	0.008
3,3'-DiCB	PCB-011	2050-67-1	0.0175	0.0087	J	0.0087
3,4/3,4'-DiCB	PCB-012/013		0.0077	0.0077	UJ	0.0077
4,4'-DiCB	PCB-015	2050-68-2	0.0133	0.0133	UJ	0.0133
2,2',6-TrCB	PCB-019	38444-73-4	0.0037	0.0037	UJ	0.0037
2,4,6-TrCB	PCB-030	35693-92-6	0.0039	0.0039	UJ	0.0039
2,2',5-TrCB	PCB-018	37680-65-2	0.0141	0.0051	J	0.0051
2,2',4-TrCB	PCB-017	37680-66-3	0.0052	0.0052	UJ	0.0052
2,3,6-TrCB	PCB-024	55702-45-9	0.0045	0.0045	UJ	0.0045
2,3',6-TrCB	PCB-027	38444-76-7	0.0028	0.0028	UJ	0.0028
2,4',6-TrCB	PCB-032	38444-77-8	0.0084	0.0039	BJ	0.0039
2,2',3-TrCB	PCB-016	38444-78-9	0.0059	0.0059	UJ	0.0059
2,3,5-TrCB	PCB-023	55720-44-0	0.0031	0.0031	UJ	0.0031
2,3',5'-TrCB	PCB-034	37680-68-5	0.0029	0.0029	UJ	0.0029
2,4,5-TrCB	PCB-029	15862-07-4	0.0018	0.0018	UJ	0.0018
2,3',5-TrCB	PCB-026	38444-81-4	0.0041	0.0026	NJ	0.0026
2,3',4-TrCB	PCB-025	55712-37-3	0.0082	0.0028	NJ	0.0028
2,4',5-TrCB	PCB-031	16606-02-3	0.0078	0.002	NJ	0.002
2,4,4'-TrCB	PCB-028	7012-37-5	0.0053	0.0031	NJ	0.0031
2,3,4-TrCB	PCB-021	55702-46-0	0.0044	0.0044	UJ	0.0044
	PCB-020/033		0.0082	0.0029	NJ	0.0029
2,3,4'-TrCB	PCB-022	38444-85-8	0.0048	0.0036	NJ	0.0036
3,3',5-TrCB	PCB-036	38444-87-0	0.0024	0.0024	UJ	0.0024
3,4',5-TrCB	PCB-039	38444-88-1	0.0053	0.0028	J	0.0028
3,4,5-TrCB	PCB-038	53555-66-1	0.0035	0.0035	UJ	0.0035
3,3',4-TrCB	PCB-035	37680-69-6	0.003	0.003	UJ	0.003
3,4,4'-TrCB	PCB-037	38444-90-5	0.0079	0.0079	UJ	0.0079
2,2',6,6'-TeCB	PCB-054	15968-05-5	0.0011	0.0011	UJ	0.0011
2,2',4,6'-TeCB	PCB-050	62796-65-0	0.0024	0.0024	UJ	0.0024
2,2',5,6'-TeCB	PCB-053	41464-41-9	0.0025	0.0025	UJ	0.0025
2,2',4,6'-TeCB	PCB-051	68194-04-7	0.0024	0.0024	UJ	0.0024
2,2',3,6'-TeCB	PCB-045	70362-45-7	0.0025	0.0025	UJ	0.0025
2,2',3,6'-TeCB	PCB-046	41464-47-5	0.0069	0.003	NJ	0.003
	PCB-052/069		0.0066	0.0023	NJ	0.0023
2,3',5',6'-TeCB	PCB-073	74338-23-1	0.0041	0.0017	J	0.0017
	PCB-043/049		0.0155	0.0025	J	0.0025
	PCB-065/075		0.0023	0.0023	UJ	0.0023
	PCB-047/048		0.0053	0.0022	NJ	0.0022
2,3,4,6'-TeCB	PCB-062	54230-22-7	0.0047	0.0015	NJ	0.0015
2,2',3,5'-TeCB	PCB-044	41464-39-5	0.0038	0.0038	UJ	0.0038
2,3,3',6'-TeCB	PCB-059	74472-33-6	0.0057	0.0019	NJ	0.0019
2,2',3,4'-TeCB	PCB-042	36559-22-5	0.0026	0.0026	UJ	0.0026
	PCB-064/072		0.0022	0.0022	UJ	0.0022



# DATA REPORT

Client:	City of Spokane	Contact: Jeffery Donovan
Client ID:	PCB Product Sample (103-101314-1100)	Date Extracted: 12/3/2014
Field ID:	#14-15217 (Liquid)	Date Analysed: 12/14/2014
PRL ID:	PR142931	HRMS File: FS12131415

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3',4',6'-TeCB	PCB-071	41464-46-4	0.0088	0.0016	NJ	0.0016
2,2',3,4'-TeCB	PCB-041	52663-59-9	0.0024	0.0024	UJ	0.0024
2,3',4,5'-TeCB	PCB-068	73575-52-7	0.0019	0.0019	UJ	0.0019
	PCB-040/057		0.0024	0.0024	UJ	0.0024
2,3',4,5'-TeCB	PCB-067	73575-53-8	0.0023	0.0023	UJ	0.0023
2,3,4',5'-TeCB	PCB-063	74472-34-7	0.0025	0.0025	UJ	0.0025
2,3,3',5'-TeCB	PCB-058	41464-49-7	0.0014	0.0014	UJ	0.0014
2,3,4,5'-TeCB	PCB-061	33284-53-6	0.0022	0.0022	UJ	0.0022
2,4,4',5'-TeCB	PCB-074	32690-93-0	0.0021	0.0021	UJ	0.0021
2,3',4',5'-TeCB	PCB-070	32598-11-1	0.0032	0.0032	UJ	0.0032
	PCB-055/080		0.002	0.002	UJ	0.002
2,3',4,4'-TeCB	PCB-066	32598-10-0	0.0015	0.0015	UJ	0.0015
2,3',4',5'-TeCB	PCB-076	70362-48-0	0.0023	0.0023	UJ	0.0023
2,3,4,4'-TeCB	PCB-060	33025-41-1	0.0035	0.0035	UJ	0.0035
2,3,3',4'-TeCB	PCB-056	41464-43-1	0.0016	0.0016	UJ	0.0016
3,3',4,5'-TeCB	PCB-079	41464-48-6	0.0026	0.0026	UJ	0.0026
3,3',4,5'-TeCB	PCB-078	70362-49-1	0.0021	0.0021	UJ	0.0021
3,4,4',5'-TeCB	PCB-081	70362-50-4	0.0049	0.0049	UJ	0.0049
3,3',4,4'-TeCB	PCB-077	32598-13-3	0.0055	0.0055	UJ	0.0055
2,2',4,6,6'-PeCB	PCB-104	56558-16-8	0.0011	0.0011	UJ	0.0011
2,2',3,6,6'-PeCB	PCB-096	73575-54-9	0.0016	0.0016	UJ	0.0016
2,2',4,5',6'-PeCB	PCB-103	60145-21-3	0.0019	0.0019	UJ	0.0019
2,2',4,4',6'-PeCB	PCB-100	39485-83-1	0.0021	0.0021	UJ	0.0021
2,2',3,5,6'-PeCB	PCB-094	73575-55-0	0.0024	0.0024	UJ	0.0024
	PCB-093/098/102		0.0023	0.0023	UJ	0.0023
2,2',3,5',6'-PeCB	PCB-095	38379-99-6	0.0017	0.0017	UJ	0.0017
2,2',3,4,6'-PeCB	PCB-088	55215-17-3	0.0022	0.0022	UJ	0.0022
	PCB-091/121		0.0018	0.0018	UJ	0.0018
2,2',3,3',6'-PeCB	PCB-084	52663-60-2	0.0024	0.0024	UJ	0.0024
2,2',3,5,5'-PeCB	PCB-092	52663-61-3	0.0025	0.0025	UJ	0.0025
2,2',3,4,6'-PeCB	PCB-089	73575-57-2	0.0025	0.0025	UJ	0.0025
2,2',3,4',5'-PeCB	PCB-090	68194-07-0	0.0027	0.0027	UJ	0.0027
2,2',4,5,5'-PeCB	PCB-101	37680-73-2	0.0018	0.0018	UJ	0.0018
2,3,3',5',6'-PeCB	PCB-113	68194-10-5	0.0019	0.0019	UJ	0.0019
2,2',4,4',5'-PeCB	PCB-099	38380-01-7	0.002	0.002	UJ	0.002
	PCB-112/119		0.0017	0.0017	UJ	0.0017
	PCB-083/109		0.0022	0.0022	UJ	0.0022
	PCB-086/117		0.0026	0.0026	UJ	0.0026
	PCB-097/116		0.0021	0.0021	UJ	0.0021
2,3',4',5',6'-PeCB	PCB-125	74472-39-2	0.0017	0.0017	UJ	0.0017
	PCB-087/115		0.0021	0.0021	UJ	0.0021
2,3,3',5,5'-PeCB	PCB-111	39635-32-0	0.0017	0.0017	UJ	0.0017
2,2',3,4,4'-PeCB	PCB-085	65510-45-4	0.0023	0.0023	UJ	0.0023
2,3',4,5,5'-PeCB	PCB-120	68194-12-7	0.002	0.002	UJ	0.002
2,3,3',4',6'-PeCB	PCB-110	38380-03-9	0.0017	0.0017	UJ	0.0017
2,2',3,3',4'-PeCB	PCB-082	52663-62-4	0.0028	0.0028	UJ	0.0028
2,3',4',5,5'-PeCB	PCB-124	70424-70-3	0.0009	0.0009	UJ	0.0009
	PCB-107/108		0.0011	0.0011	UJ	0.0011
2,3',4,4',5'-PeCB	PCB-123	65510-44-3	0.0011	0.0011	UJ	0.0011
2,3,3',4,5'-PeCB	PCB-106	70424-69-0	0.0009	0.0009	UJ	0.0009
2,3',4,4',5'-PeCB	PCB-118	31508-00-6	0.0015	0.0013	NJ	0.0013
2,3,4,4',5'-PeCB	PCB-114	74472-37-0	0.0012	0.0012	UJ	0.0012



# DATA REPORT

Client:	<u>City of Spokane</u>	Contact: <u>Jeffery Donovan</u>
Client ID:	<u>PCB Product Sample (103-101314-1100)</u>	Date Extracted: <u>12/3/2014</u>
Field ID:	<u>#14-15217 (Liquid)</u>	Date Analysed: <u>12/14/2014</u>
PRL ID:	<u>PR142931</u>	HRMS File: <u>FS12131415</u>

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3,3',4',5'-PeCB	PCB-122	76842-07-4	0.0011	0.0011	UJ	0.0011
	PCB-105/127		0.0013	0.0013	UJ	0.0013
3,3',4,4',5'-PeCB	PCB-126	57465-28-8	0.0023	0.0023	UJ	0.0023
2,2',4,4',6,6'-HxCB	PCB-155	33979-03-2	0.0008	0.0008	UJ	0.0008
2,2',3,4',6,6'-HxCB	PCB-150	68194-08-1	0.0011	0.0011	UJ	0.0011
2,2',3,5,6,6'-HxCB	PCB-152	68194-09-2	0.0011	0.0011	UJ	0.0011
2,2',3,4,6,6'-HxCB	PCB-145	74472-40-5	0.0011	0.0011	UJ	0.0011
	PCB-136/148		0.0012	0.0012	UJ	0.0012
2,2',4,4',5,6'-HxCB	PCB-154	60145-22-4	0.0013	0.0013	UJ	0.0013
2,2',3,5,5',6'-HxCB	PCB-151	52663-63-5	0.0015	0.0015	UJ	0.0015
2,2',3,3',5,6'-HxCB	PCB-135	52744-13-5	0.0017	0.0017	UJ	0.0017
2,2',3,4,5',6'-HxCB	PCB-144	68194-14-9	0.0016	0.0016	UJ	0.0016
2,2',3,4',5,6'-HxCB	PCB-147	68194-13-8	0.0013	0.0013	UJ	0.0013
	PCB-139/149		0.0015	0.0015	UJ	0.0015
2,2',3,4,4',6'-HxCB	PCB-140	59291-64-4	0.0005	0.0005	UJ	0.0005
2,2',3,4,5,6'-HxCB	PCB-143	68194-15-0	0.0007	0.0007	UJ	0.0007
2,2',3,3',5,6'-HxCB	PCB-134	52704-70-8	0.0008	0.0008	UJ	0.0008
2,2',3,4,5,6'-HxCB	PCB-142	41411-61-4	0.0007	0.0007	UJ	0.0007
2,2',3,3',4,6'-HxCB	PCB-131	61798-70-7	0.0009	0.0009	UJ	0.0009
2,2',3,3',5,5'-HxCB	PCB-133	35694-04-3	0.0005	0.0005	UJ	0.0005
2,3,3',5,5',6'-HxCB	PCB-165	74472-46-1	0.0006	0.0006	UJ	0.0006
2,2',3,4',5,5'-HxCB	PCB-146	51908-16-8	0.0006	0.0006	UJ	0.0006
	PCB-132/161		0.0006	0.0006	UJ	0.0006
2,2',4,4',5,5'-HxCB	PCB-153	35065-27-1	0.0009	0.0006	J	0.0006
2,3',4,4',5',6'-HxCB	PCB-168	59291-65-5	0.0006	0.0004	NJ	0.0004
2,2',3,4,5,5'-HxCB	PCB-141	52712-04-6	0.0007	0.0007	UJ	0.0007
2,2',3,4,4',5'-HxCB	PCB-137	35694-06-5	0.0007	0.0007	UJ	0.0007
2,2',3,3',4,5'-HxCB	PCB-130	52663-66-8	0.0007	0.0007	UJ	0.0007
	PCB-163/164		0.0006	0.0006	UJ	0.0006
	PCB-138/160		0.0006	0.0006	UJ	0.0006
2,3,3',4,4',6'-HxCB	PCB-158	74472-42-7	0.0005	0.0005	UJ	0.0005
2,2',3,3',4,5'-HxCB	PCB-129	55215-18-4	0.0007	0.0007	UJ	0.0007
2,3,4,4',5,6'-HxCB	PCB-166	41411-63-6	0.0005	0.0005	UJ	0.0005
2,3,3',4,5,5'-HxCB	PCB-159	39635-35-3	0.0005	0.0005	UJ	0.0005
	PCB-128/162		0.0006	0.0006	UJ	0.0006
2,3',4,4',5,5'-HxCB	PCB-167	52663-72-6	0.0006	0.0006	UJ	0.0006
2,3,3',4,4',5'-HxCB	PCB-156	38380-08-4	0.0006	0.0006	UJ	0.0006
2,3,3',4,4',5'-HxCB	PCB-157	69782-90-7	0.0006	0.0006	UJ	0.0006
3,3',4,4',5,5'-HxCB	PCB-169	32774-16-6	0.001	0.001	UJ	0.001
2,2',3,4',5,6,6'-HpCB	PCB-188	74487-85-7	0.0004	0.0004	UJ	0.0004
2,2',3,4,4',6,6'-HpCB	PCB-184	74472-48-3	0.0003	0.0003	UJ	0.0003
2,2',3,3',5,6,6'-HpCB	PCB-179	52663-64-6	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,6,6'-HpCB	PCB-176	52663-65-7	0.0003	0.0003	UJ	0.0003
2,2',3,4,5,6,6'-HpCB	PCB-186	74472-49-4	0.0003	0.0003	UJ	0.0003
2,2',3,3',5,5',6'-HpCB	PCB-178	52663-67-9	0.0004	0.0004	UJ	0.0004
2,2',3,3',4,5',6'-HpCB	PCB-175	40186-70-7	0.0004	0.0004	UJ	0.0004
	PCB-182/187		0.0004	0.0004	UJ	0.0004
2,2',3,4,4',5',6'-HpCB	PCB-183	52663-69-1	0.0004	0.0004	UJ	0.0004
2,2',3,4,5,5',6'-HpCB	PCB-185	52712-05-7	0.0005	0.0005	UJ	0.0005
2,2',3,3',4,5,6'-HpCB	PCB-174	38411-25-5	0.0005	0.0005	UJ	0.0005
2,2',3,4,4',5,6'-HpCB	PCB-181	74472-47-2	0.0005	0.0005	UJ	0.0005
2,2',3,3',4,5',6'-HpCB	PCB-177	52663-70-4	0.0004	0.0004	UJ	0.0004



# DATA REPORT

Client:	City of Spokane	Contact: Jeffery Donovan
Client ID:	PCB Product Sample (103-101314-1100)	Date Extracted: 12/3/2014
Field ID:	#14-15217 (Liquid)	Date Analysed: 12/14/2014
PRL ID:	PR142931	HRMS File: FS12131415

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,2',3,3',4,4',6-HpCB	PCB-171	52663-71-5	0.0004	0.0004	UJ	0.0004
2,2',3,3',4,5,6-HpCB	PCB-173	68194-16-1	0.0005	0.0005	UJ	0.0005
2,2',3,3',4,5,5'-HpCB	PCB-172	52663-74-8	0.0005	0.0005	UJ	0.0005
2,3,3',4,5,5',6-HpCB	PCB-192	74472-51-8	0.0004	0.0004	UJ	0.0004
2,2',3,4,4',5,5'-HpCB	PCB-180	35065-29-3	0.0006	0.0006	UJ	0.0006
2,3,3',4',5,5',6-HpCB	PCB-193	69782-91-8	0.0003	0.0003	UJ	0.0003
2,3,3',4,4',5,6-HpCB	PCB-191	74472-50-7	0.0004	0.0004	UJ	0.0004
2,2',3,3',4,4',5-HpCB	PCB-170	35065-30-6	0.0005	0.0005	UJ	0.0005
2,3,3',4,4',5,6-HpCB	PCB-190	41411-64-7	0.0003	0.0003	UJ	0.0003
2,3,3',4,4',5,5'-HpCB	PCB-189	39635-31-9	0.0003	0.0003	UJ	0.0003
2,2',3,3',5,5',6,6'-OoCB	PCB-202	2136-99-4	0.0005	0.0005	UJ	0.0005
2,2',3,3',4,5',6,6'-OoCB	PCB-201	40186-71-8	0.0004	0.0004	UJ	0.0004
2,2',3,4,4',5,6,6'-OoCB	PCB-204	74472-52-9	0.0004	0.0004	UJ	0.0004
2,2',3,3',4,4',6,6'-OoCB	PCB-197	33091-17-7	0.0004	0.0004	UJ	0.0004
2,2',3,3',4,5,6,6'-OoCB	PCB-200	52663-73-7	0.0004	0.0004	UJ	0.0004
2,2',3,3',4,5,5',6-OoCB	PCB-198	68194-17-2	0.0006	0.0006	UJ	0.0006
2,2',3,3',4,5,5',6'-OoCB	PCB-199	52663-75-9	0.0006	0.0006	UJ	0.0006
2,2',3,3',4,4',5,6'-OoCB	PCB-196	42740-50-1	0.0006	0.0006	UJ	0.0006
2,2',3,4,4',5,5',6-OoCB	PCB-203	52663-76-0	0.0005	0.0005	UJ	0.0005
2,2',3,3',4,4',5,6-OoCB	PCB-195	52663-78-2	0.0004	0.0004	UJ	0.0004
2,2',3,3',4,4',5,5'-OoCB	PCB-194	35694-08-7	0.0003	0.0003	UJ	0.0003
2,3,3',4,4',5,5',6-OoCB	PCB-205	74472-53-0	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,5,5',6,6'-NoCB	PCB-208	52663-77-1	0.0018	0.0018	UJ	0.0018
2,2',3,3',4,4',5,6,6'-NoCB	PCB-207	52663-79-3	0.0015	0.0015	UJ	0.0015
2,2',3,3',4,4',5,5',6-NoCB	PCB-206	40186-72-9	0.0016	0.0016	UJ	0.0016
2,2',3,3',4,4',5,5',6,6'-DeCB	PCB-209	2051-24-3	0.0003	0.0003	UJ	0.0003

Homologs	# of Congeners	Conc.	DL	Flag
Monochlorobiphenyls	3	0.0125	0.0029	J
Dichlorobiphenyls	12	0.0302	0.0049	
Trichlorobiphenyls	24	0.0278	0.0018	B
Tetrachlorobiphenyls	42	0.0196	0.0011	J
Pentachlorobiphenyls	46	0.0009	0.0009	UJ
Hexachlorobiphenyls	42	0.0009	0.0004	J
Heptachlorobiphenyls	24	0.0003	0.0003	UJ
Octachlorobiphenyls	12	0.0003	0.0003	UJ
Nonachlorobiphenyls	3	0.0015	0.0015	UJ
Decachlorobiphenyl	1	0.0003	0.0003	UJ
<b>Total PCB</b>		<b>0.091</b>	<b>0.0003</b>	<b>B</b>



# DATA REPORT

Client:	City of Spokane	Contact: Jeffery Donovan
Client ID:	PCB Product Sample (103-101314-1100)	Date Extracted: 12/3/2014
Field ID:	#14-15217 (Liquid)	Date Analysed: 12/14/2014
PRL ID:	PR142931	HRMS File: FS12131415

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
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Surrogate Recoveries			Acceptance	
Chemical Name	IUPAC #	%	Min	Max
<sup>13</sup> C <sub>12</sub> -2-MoCB	1L	21	5	145
<sup>13</sup> C <sub>12</sub> -4-MoCB	3L	28	5	145
<sup>13</sup> C <sub>12</sub> -2,2'-DiCB	4L	27	5	145
<sup>13</sup> C <sub>12</sub> -4,4'-DiCB	15L	35	5	145
<sup>13</sup> C <sub>12</sub> -2,2',6'-TrCB	19L	33	5	145
<sup>13</sup> C <sub>12</sub> -3,4,4'-TrCB	37L	48	5	145
<sup>13</sup> C <sub>12</sub> -2,2',6,6'-TeCB	54L	33	5	145
<sup>13</sup> C <sub>12</sub> -3,4,4',5'-TeCB	81L	49	5	145
<sup>13</sup> C <sub>12</sub> -3,3',4,4'-TeCB	77L	33	10	145
<sup>13</sup> C <sub>12</sub> -2,2',4,6,6'-PeCB	104L	42	10	145
<sup>13</sup> C <sub>12</sub> -2',3,4,4',5'-PeCB	123L	49	10	145
<sup>13</sup> C <sub>12</sub> -2,3',4,4',5'-PeCB	118L	51	10	145
<sup>13</sup> C <sub>12</sub> -2,3,4,4',5'-PeCB	114L	48	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4'-PeCB	105L	51	10	145
<sup>13</sup> C <sub>12</sub> -3,3',4,4',5'-PeCB	126L	56	10	145
<sup>13</sup> C <sub>12</sub> -2,2',4,4',6,6'-HxCB	155L	55	10	145
<sup>13</sup> C <sub>12</sub> -2,3',4,4',5,5'-HxCB	167L	53	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5'-HxCB	156L	52	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5'-HxCB	157L	53	10	145
<sup>13</sup> C <sub>12</sub> -3,3',4,4',5,5'-HxCB	169L	63	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,4',5,6,6'-HpCB	188L	48	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5,5'-HpCB	189L	61	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',5,5',6,6'-OeCB	202L	61	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5,5',6-OeCB	205L	57	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',4',5,5',6,6'-NoCB	208L	62	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',4,4',5,5',6-NoCB	206L	56	10	145
<sup>13</sup> C <sub>12</sub> -DeCB	209L	62	10	145
<sup>13</sup> C <sub>12</sub> -2,4,4'-TrCB	28L	48	5	145
<sup>13</sup> C <sub>12</sub> -2,3,3',5,5'-PeCB	111L	53	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',5,5',6-HpCB	178L	57	10	145



# DATA REPORT

Client:	City of Spokane	Contact: Jeffery Donovan
Client ID:	PCB Product Sample (102-101314-1100)	Date Extracted: 12/3/2014
Field ID:	#14-15218 (Liquid)	Date Analysed: 12/14/2014
PRL ID:	PR142932	HRMS File: FS12131416

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2-MoCB	PCB-001	2051-60-7	0.0049	0.0049	UJ	0.0049
3-MoCB	PCB-002	2051-61-8	0.0092	0.008	NJ	0.008
4-MoCB	PCB-003	2051-62-9	0.0057	0.0057	UJ	0.0057
2,6-DiCB	PCB-010	33146-45-1	0.0044	0.0044	UJ	0.0044
2,2'-DiCB	PCB-004	13029-08-8	0.0075	0.0075	UJ	0.0075
2,5-DiCB	PCB-009	34863-39-1	0.0054	0.0054	UJ	0.0054
2,4-DiCB	PCB-007	33284-50-3	0.0038	0.0029	J	0.0029
2,3'-DiCB	PCB-006	25569-80-6	0.0046	0.0046	UJ	0.0046
2,3/2,4'-DiCB	PCB-005/008		0.004	0.004	UJ	0.004
3,5-DiCB	PCB-014	34883-41-5	0.0048	0.0048	UJ	0.0048
3,3'-DiCB	PCB-011	2050-67-1	0.101	0.0052		0.0052
3,4/3,4'-DiCB	PCB-012/013		0.0046	0.0046	UJ	0.0046
4,4'-DiCB	PCB-015	2050-68-2	0.0052	0.0052	UJ	0.0052
2,2',6-TrCB	PCB-019	38444-73-4	0.0016	0.0016	UJ	0.0016
2,4,6-TrCB	PCB-030	35693-92-6	0.0015	0.0015	UJ	0.0015
2,2',5-TrCB	PCB-018	37680-65-2	0.0177	0.0019	J	0.0019
2,2',4-TrCB	PCB-017	37680-66-3	0.0066	0.002	NJ	0.002
2,3,6-TrCB	PCB-024	55702-45-9	0.0017	0.0017	UJ	0.0017
2,3',6-TrCB	PCB-027	38444-76-7	0.001	0.001	UJ	0.001
2,4',6-TrCB	PCB-032	38444-77-8	0.003	0.0015	BJ	0.0015
2,2',3-TrCB	PCB-016	38444-78-9	0.0094	0.0022	NJ	0.0022
2,3,5-TrCB	PCB-023	55720-44-0	0.0012	0.0012	UJ	0.0012
2,3',5'-TrCB	PCB-034	37680-68-5	0.0011	0.0011	UJ	0.0011
2,4,5-TrCB	PCB-029	15862-07-4	0.0007	0.0007	UJ	0.0007
2,3',5-TrCB	PCB-026	38444-81-4	0.001	0.001	UJ	0.001
2,3',4-TrCB	PCB-025	55712-37-3	0.0062	0.001	NJ	0.001
2,4',5-TrCB	PCB-031	16606-02-3	0.0194	0.0008	J	0.0008
2,4,4'-TrCB	PCB-028	7012-37-5	0.0245	0.0012	B	0.0012
2,3,4-TrCB	PCB-021	55702-46-0	0.0017	0.0017	UJ	0.0017
	PCB-020/033		0.0074	0.0011	NJ	0.0011
2,3,4'-TrCB	PCB-022	38444-85-8	0.0131	0.0014	J	0.0014
3,3',5-TrCB	PCB-036	38444-87-0	0.0009	0.0009	UJ	0.0009
3,4',5-TrCB	PCB-039	38444-88-1	0.0014	0.0011	NJ	0.0011
3,4,5-TrCB	PCB-038	53555-66-1	0.0013	0.0013	UJ	0.0013
3,3',4-TrCB	PCB-035	37680-69-6	0.0012	0.0012	UJ	0.0012
3,4,4'-TrCB	PCB-037	38444-90-5	0.0026	0.0026	UJ	0.0026
2,2',6,6'-TeCB	PCB-054	15968-05-5	0.0008	0.0008	UJ	0.0008
2,2',4,6'-TeCB	PCB-050	62796-65-0	0.0034	0.0015	NJ	0.0015
2,2',5,6'-TeCB	PCB-053	41464-41-9	0.0016	0.0016	UJ	0.0016
2,2',4,6'-TeCB	PCB-051	68194-04-7	0.0015	0.0015	UJ	0.0015
2,2',3,6'-TeCB	PCB-045	70362-45-7	0.0016	0.0016	UJ	0.0016
2,2',3,6'-TeCB	PCB-046	41464-47-5	0.0078	0.0019	NJ	0.0019
	PCB-052/069		0.0087	0.0014	NJ	0.0014
2,3',5',6'-TeCB	PCB-073	74338-23-1	0.0011	0.0011	UJ	0.0011
	PCB-043/049		0.0016	0.0016	UJ	0.0016
	PCB-065/075		0.0014	0.0014	UJ	0.0014
	PCB-047/048		0.0013	0.0013	UJ	0.0013
2,3,4,6-TeCB	PCB-062	54230-22-7	0.001	0.001	UJ	0.001
2,2',3,5'-TeCB	PCB-044	41464-39-5	0.005	0.0023	NJ	0.0023
2,3,3',6-TeCB	PCB-059	74472-33-6	0.0012	0.0012	UJ	0.0012
2,2',3,4'-TeCB	PCB-042	36559-22-5	0.0016	0.0016	UJ	0.0016
	PCB-064/072		0.0022	0.0014	NJ	0.0014



# DATA REPORT

Client:	City of Spokane	Contact: Jeffery Donovan
Client ID:	PCB Product Sample (102-101314-1100)	Date Extracted: 12/3/2014
Field ID:	#14-15218 (Liquid)	Date Analysed: 12/14/2014
PRL ID:	PR142932	HRMS File: FS12131416

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3',4',6-TeCB	PCB-071	41464-46-4	0.001	0.001	UJ	0.001
2,2',3,4-TeCB	PCB-041	52663-59-9	0.0015	0.0015	UJ	0.0015
2,3',4,5'-TeCB	PCB-068	73575-52-7	0.0012	0.0012	UJ	0.0012
	PCB-040/057		0.0015	0.0015	UJ	0.0015
2,3',4,5-TeCB	PCB-067	73575-53-8	0.0014	0.0014	UJ	0.0014
2,3,4',5-TeCB	PCB-063	74472-34-7	0.0023	0.0015	NJ	0.0015
2,3,3',5'-TeCB	PCB-058	41464-49-7	0.0009	0.0009	UJ	0.0009
2,3,4,5-TeCB	PCB-061	33284-53-6	0.0014	0.0014	UJ	0.0014
2,4,4',5-TeCB	PCB-074	32690-93-0	0.0013	0.0013	UJ	0.0013
2,3',4',5-TeCB	PCB-070	32598-11-1	0.002	0.002	UJ	0.002
	PCB-055/080		0.0012	0.0012	UJ	0.0012
2,3',4,4'-TeCB	PCB-066	32598-10-0	0.0009	0.0009	UJ	0.0009
2,3',4',5'-TeCB	PCB-076	70362-48-0	0.0014	0.0014	UJ	0.0014
2,3,4,4'-TeCB	PCB-060	33025-41-1	0.0141	0.0021	J	0.0021
2,3,3',4'-TeCB	PCB-056	41464-43-1	0.001	0.001	UJ	0.001
3,3',4,5'-TeCB	PCB-079	41464-48-6	0.0016	0.0016	UJ	0.0016
3,3',4,5-TeCB	PCB-078	70362-49-1	0.0013	0.0013	UJ	0.0013
3,4,4',5-TeCB	PCB-081	70362-50-4	0.0022	0.0022	UJ	0.0022
3,3',4,4'-TeCB	PCB-077	32598-13-3	0.0023	0.0023	UJ	0.0023
2,2',4,6,6'-PeCB	PCB-104	56558-16-8	0.0009	0.0009	UJ	0.0009
2,2',3,6,6'-PeCB	PCB-096	73575-54-9	0.001	0.001	UJ	0.001
2,2',4,5',6-PeCB	PCB-103	60145-21-3	0.0012	0.0012	UJ	0.0012
2,2',4,4',6-PeCB	PCB-100	39485-83-1	0.0013	0.0013	UJ	0.0013
2,2',3,5,6'-PeCB	PCB-094	73575-55-0	0.0015	0.0015	UJ	0.0015
	PCB-093/098/102		0.0014	0.0014	UJ	0.0014
2,2',3,5',6-PeCB	PCB-095	38379-99-6	0.0011	0.0011	UJ	0.0011
2,2',3,4,6-PeCB	PCB-088	55215-17-3	0.0014	0.0014	UJ	0.0014
	PCB-091/121		0.0012	0.0012	UJ	0.0012
2,2',3,3',6-PeCB	PCB-084	52663-60-2	0.0015	0.0015	UJ	0.0015
2,2',3,5,5'-PeCB	PCB-092	52663-61-3	0.0016	0.0016	UJ	0.0016
2,2',3,4,6'-PeCB	PCB-089	73575-57-2	0.0016	0.0016	UJ	0.0016
2,2',3,4',5-PeCB	PCB-090	68194-07-0	0.0017	0.0017	UJ	0.0017
2,2',4,5,5'-PeCB	PCB-101	37680-73-2	0.0032	0.0011	NJ	0.0011
2,3,3',5',6-PeCB	PCB-113	68194-10-5	0.0012	0.0012	UJ	0.0012
2,2',4,4',5-PeCB	PCB-099	38380-01-7	0.0047	0.0013	NJ	0.0013
	PCB-112/119		0.0011	0.0011	UJ	0.0011
	PCB-083/109		0.0014	0.0014	UJ	0.0014
	PCB-086/117		0.0016	0.0016	UJ	0.0016
	PCB-097/116		0.0013	0.0013	UJ	0.0013
2,3',4',5',6-PeCB	PCB-125	74472-39-2	0.0011	0.0011	UJ	0.0011
	PCB-087/115		0.0031	0.0013	NJ	0.0013
2,3,3',5,5'-PeCB	PCB-111	39635-32-0	0.001	0.001	UJ	0.001
2,2',3,4,4'-PeCB	PCB-085	65510-45-4	0.0014	0.0014	UJ	0.0014
2,3',4,5,5'-PeCB	PCB-120	68194-12-7	0.0012	0.0012	UJ	0.0012
2,3,3',4',6-PeCB	PCB-110	38380-03-9	0.001	0.001	UJ	0.001
2,2',3,3',4-PeCB	PCB-082	52663-62-4	0.0017	0.0017	UJ	0.0017
2,3',4',5,5'-PeCB	PCB-124	70424-70-3	0.0006	0.0006	UJ	0.0006
	PCB-107/108		0.0007	0.0007	UJ	0.0007
2,3',4,4',5'-PeCB	PCB-123	65510-44-3	0.0007	0.0007	UJ	0.0007
2,3,3',4,5-PeCB	PCB-106	70424-69-0	0.0006	0.0006	UJ	0.0006
2,3',4,4',5-PeCB	PCB-118	31508-00-6	0.0007	0.0007	UJ	0.0007
2,3,4,4',5-PeCB	PCB-114	74472-37-0	0.0008	0.0008	UJ	0.0008



# DATA REPORT

Client:	City of Spokane	Contact: Jeffery Donovan
Client ID:	PCB Product Sample (102-101314-1100)	Date Extracted: 12/3/2014
Field ID:	#14-15218 (Liquid)	Date Analysed: 12/14/2014
PRL ID:	PR142932	HRMS File: FS12131416

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3,3',4',5'-PeCB	PCB-122	76842-07-4	0.0007	0.0007	UJ	0.0007
	PCB-105/127		0.0007	0.0007	UJ	0.0007
3,3',4,4',5'-PeCB	PCB-126	57465-28-8	0.0012	0.0012	UJ	0.0012
2,2',4,4',6,6'-HxCB	PCB-155	33979-03-2	0.0004	0.0004	UJ	0.0004
2,2',3,4',6,6'-HxCB	PCB-150	68194-08-1	0.0006	0.0006	UJ	0.0006
2,2',3,5,6,6'-HxCB	PCB-152	68194-09-2	0.0005	0.0005	UJ	0.0005
2,2',3,4,6,6'-HxCB	PCB-145	74472-40-5	0.0005	0.0005	UJ	0.0005
	PCB-136/148		0.0006	0.0006	UJ	0.0006
2,2',4,4',5,6'-HxCB	PCB-154	60145-22-4	0.0006	0.0006	UJ	0.0006
2,2',3,5,5',6'-HxCB	PCB-151	52663-63-5	0.0007	0.0007	UJ	0.0007
2,2',3,3',5,6'-HxCB	PCB-135	52744-13-5	0.0008	0.0008	UJ	0.0008
2,2',3,4,5',6'-HxCB	PCB-144	68194-14-9	0.0008	0.0008	UJ	0.0008
2,2',3,4',5,6'-HxCB	PCB-147	68194-13-8	0.0006	0.0006	UJ	0.0006
	PCB-139/149		0.0008	0.0008	UJ	0.0008
2,2',3,4,4',6'-HxCB	PCB-140	59291-64-4	0.0002	0.0002	UJ	0.0002
2,2',3,4,5,6'-HxCB	PCB-143	68194-15-0	0.0003	0.0003	UJ	0.0003
2,2',3,3',5,6'-HxCB	PCB-134	52704-70-8	0.0004	0.0004	UJ	0.0004
2,2',3,4,5,6'-HxCB	PCB-142	41411-61-4	0.0004	0.0004	UJ	0.0004
2,2',3,3',4,6'-HxCB	PCB-131	61798-70-7	0.0005	0.0005	UJ	0.0005
2,2',3,3',5,5'-HxCB	PCB-133	35694-04-3	0.0003	0.0003	UJ	0.0003
2,3,3',5,5',6'-HxCB	PCB-165	74472-46-1	0.0003	0.0003	UJ	0.0003
2,2',3,4',5,5'-HxCB	PCB-146	51908-16-8	0.0003	0.0003	UJ	0.0003
	PCB-132/161		0.0003	0.0003	UJ	0.0003
2,2',4,4',5,5'-HxCB	PCB-153	35065-27-1	0.0009	0.0003	NJ	0.0003
2,3',4,4',5',6'-HxCB	PCB-168	59291-65-5	0.0002	0.0002	UJ	0.0002
2,2',3,4,5,5'-HxCB	PCB-141	52712-04-6	0.0003	0.0003	UJ	0.0003
2,2',3,4,4',5'-HxCB	PCB-137	35694-06-5	0.0004	0.0004	UJ	0.0004
2,2',3,3',4,5'-HxCB	PCB-130	52663-66-8	0.0004	0.0004	UJ	0.0004
	PCB-163/164		0.0003	0.0003	UJ	0.0003
	PCB-138/160		0.0006	0.0003	NJ	0.0003
2,3,3',4,4',6'-HxCB	PCB-158	74472-42-7	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,5'-HxCB	PCB-129	55215-18-4	0.0004	0.0004	UJ	0.0004
2,3,4,4',5,6'-HxCB	PCB-166	41411-63-6	0.0003	0.0003	UJ	0.0003
2,3,3',4,5,5'-HxCB	PCB-159	39635-35-3	0.0002	0.0002	UJ	0.0002
	PCB-128/162		0.0007	0.0003	NJ	0.0003
2,3',4,4',5,5'-HxCB	PCB-167	52663-72-6	0.0003	0.0003	UJ	0.0003
2,3,3',4,4',5'-HxCB	PCB-156	38380-08-4	0.0012	0.0003	J	0.0003
2,3,3',4,4',5'-HxCB	PCB-157	69782-90-7	0.0003	0.0003	UJ	0.0003
3,3',4,4',5,5'-HxCB	PCB-169	32774-16-6	0.0004	0.0004	UJ	0.0004
2,2',3,4',5,6,6'-HpCB	PCB-188	74487-85-7	0.0003	0.0003	UJ	0.0003
2,2',3,4,4',6,6'-HpCB	PCB-184	74472-48-3	0.0002	0.0002	UJ	0.0002
2,2',3,3',5,6,6'-HpCB	PCB-179	52663-64-6	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,6,6'-HpCB	PCB-176	52663-65-7	0.0002	0.0002	UJ	0.0002
2,2',3,4,5,6,6'-HpCB	PCB-186	74472-49-4	0.0002	0.0002	UJ	0.0002
2,2',3,3',5,5',6'-HpCB	PCB-178	52663-67-9	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,5',6'-HpCB	PCB-175	40186-70-7	0.0003	0.0003	UJ	0.0003
	PCB-182/187		0.0003	0.0003	UJ	0.0003
2,2',3,4,4',5',6'-HpCB	PCB-183	52663-69-1	0.0003	0.0003	UJ	0.0003
2,2',3,4,5,5',6'-HpCB	PCB-185	52712-05-7	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,5,6'-HpCB	PCB-174	38411-25-5	0.0003	0.0003	UJ	0.0003
2,2',3,4,4',5,6'-HpCB	PCB-181	74472-47-2	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,5',6'-HpCB	PCB-177	52663-70-4	0.0003	0.0003	UJ	0.0003



# DATA REPORT

Client:	City of Spokane	Contact: Jeffery Donovan
Client ID:	PCB Product Sample (102-101314-1100)	Date Extracted: 12/3/2014
Field ID:	#14-15218 (Liquid)	Date Analysed: 12/14/2014
PRL ID:	PR142932	HRMS File: FS12131416

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,2',3,3',4,4',6-HpCB	PCB-171	52663-71-5	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,5,6-HpCB	PCB-173	68194-16-1	0.0004	0.0004	UJ	0.0004
2,2',3,3',4,5,5'-HpCB	PCB-172	52663-74-8	0.0007	0.0003	J	0.0003
2,3,3',4,5,5',6-HpCB	PCB-192	74472-51-8	0.0003	0.0003	UJ	0.0003
2,2',3,4,4',5,5'-HpCB	PCB-180	35065-29-3	0.0004	0.0004	UJ	0.0004
2,3,3',4',5,5',6-HpCB	PCB-193	69782-91-8	0.0002	0.0002	UJ	0.0002
2,3,3',4,4',5,6-HpCB	PCB-191	74472-50-7	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,4',5-HpCB	PCB-170	35065-30-6	0.0004	0.0004	UJ	0.0004
2,3,3',4,4',5,6-HpCB	PCB-190	41411-64-7	0.0002	0.0002	UJ	0.0002
2,3,3',4,4',5,5'-HpCB	PCB-189	39635-31-9	0.0002	0.0002	UJ	0.0002
2,2',3,3',5,5',6,6'-OcCB	PCB-202	2136-99-4	0.0006	0.0006	UJ	0.0006
2,2',3,3',4,5',6,6'-OcCB	PCB-201	40186-71-8	0.0005	0.0005	UJ	0.0005
2,2',3,4,4',5,6,6'-OcCB	PCB-204	74472-52-9	0.0005	0.0005	UJ	0.0005
2,2',3,3',4,4',6,6'-OcCB	PCB-197	33091-17-7	0.0005	0.0005	UJ	0.0005
2,2',3,3',4,5,6,6'-OcCB	PCB-200	52663-73-7	0.0005	0.0005	UJ	0.0005
2,2',3,3',4,5,5',6-OcCB	PCB-198	68194-17-2	0.0008	0.0008	UJ	0.0008
2,2',3,3',4,5,5',6'-OcCB	PCB-199	52663-75-9	0.0031	0.0007	J	0.0007
2,2',3,3',4,4',5,6'-OcCB	PCB-196	42740-50-1	0.0007	0.0007	UJ	0.0007
2,2',3,4,4',5,5',6-OcCB	PCB-203	52663-76-0	0.0006	0.0006	UJ	0.0006
2,2',3,3',4,4',5,6-OcCB	PCB-195	52663-78-2	0.0005	0.0005	UJ	0.0005
2,2',3,3',4,4',5,5'-OcCB	PCB-194	35694-08-7	0.0004	0.0004	UJ	0.0004
2,3,3',4,4',5,5',6-OcCB	PCB-205	74472-53-0	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,5,5',6,6'-NoCB	PCB-208	52663-77-1	0.0008	0.0008	UJ	0.0008
2,2',3,3',4,4',5,6,6'-NoCB	PCB-207	52663-79-3	0.0007	0.0007	UJ	0.0007
2,2',3,3',4,4',5,5',6-NoCB	PCB-206	40186-72-9	0.0007	0.0007	UJ	0.0007
2,2',3,3',4,4',5,5',6,6'-DeCB	PCB-209	2051-24-3	0.0004	0.0002	NJ	0.0002

Homologs	# of Congeners			
Monochlorobiphenyls	3	0.0049	0.0049	UJ
Dichlorobiphenyls	12	0.105	0.0029	
Trichlorobiphenyls	24	0.0777	0.0007	B
Tetrachlorobiphenyls	42	0.0141	0.0008	J
Pentachlorobiphenyls	46	0.0006	0.0006	UJ
Hexachlorobiphenyls	42	0.0012	0.0002	J
Heptachlorobiphenyls	24	0.0007	0.0002	J
Octachlorobiphenyls	12	0.0031	0.0003	J
Nonachlorobiphenyls	3	0.0007	0.0007	UJ
Decachlorobiphenyl	1	0.0002	0.0002	UJ
<b>Total PCB</b>		0.202	0.0002	B



# DATA REPORT

Client:	City of Spokane	Contact: Jeffery Donovan
Client ID:	PCB Product Sample (102-101314-1100)	Date Extracted: 12/3/2014
Field ID:	#14-15218 (Liquid)	Date Analysed: 12/14/2014
PRL ID:	PR142932	HRMS File: FS12131416

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
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Surrogate Recoveries			Acceptance	
Chemical Name	IUPAC #	%	Min	Max
<sup>13</sup> C <sub>12</sub> -2-MoCB	1L	18	5	145
<sup>13</sup> C <sub>12</sub> -4-MoCB	3L	24	5	145
<sup>13</sup> C <sub>12</sub> -2,2'-DiCB	4L	42	5	145
<sup>13</sup> C <sub>12</sub> -4,4'-DiCB	15L	72	5	145
<sup>13</sup> C <sub>12</sub> -2,2',6'-TrCB	19L	68	5	145
<sup>13</sup> C <sub>12</sub> -3,4,4'-TrCB	37L	68	5	145
<sup>13</sup> C <sub>12</sub> -2,2',6,6'-TeCB	54L	52	5	145
<sup>13</sup> C <sub>12</sub> -3,4,4',5'-TeCB	81L	71	5	145
<sup>13</sup> C <sub>12</sub> -3,3',4,4'-TeCB	77L	79	10	145
<sup>13</sup> C <sub>12</sub> -2,2',4,6,6'-PeCB	104L	53	10	145
<sup>13</sup> C <sub>12</sub> -2',3,4,4',5'-PeCB	123L	75	10	145
<sup>13</sup> C <sub>12</sub> -2,3',4,4',5'-PeCB	118L	68	10	145
<sup>13</sup> C <sub>12</sub> -2,3,4,4',5'-PeCB	114L	68	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4'-PeCB	105L	76	10	145
<sup>13</sup> C <sub>12</sub> -3,3',4,4',5'-PeCB	126L	79	10	145
<sup>13</sup> C <sub>12</sub> -2,2',4,4',6,6'-HxCB	155L	71	10	145
<sup>13</sup> C <sub>12</sub> -2,3',4,4',5,5'-HxCB	167L	69	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5'-HxCB	156L	70	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5'-HxCB	157L	66	10	145
<sup>13</sup> C <sub>12</sub> -3,3',4,4',5,5'-HxCB	169L	76	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,4',5,6,6'-HpCB	188L	60	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5,5'-HpCB	189L	76	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',5,5',6,6'-OeCB	202L	70	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5,5',6-OeCB	205L	73	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',4',5,5',6,6'-NoCB	208L	77	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',4,4',5,5',6-NoCB	206L	72	10	145
<sup>13</sup> C <sub>12</sub> -DeCB	209L	78	10	145
<sup>13</sup> C <sub>12</sub> -2,4,4'-TrCB	28L	78	5	145
<sup>13</sup> C <sub>12</sub> -2,3,3',5,5'-PeCB	111L	71	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',5,5',6-HpCB	178L	70	10	145



# DATA REPORT

Client:	City of Spokane	Contact: Jeffery Donovan
Client ID:	PCB Product Sample (101-101314-1100)	Date Extracted: 12/3/2014
Field ID:	#14-15219 (Liquid)	Date Analysed: 12/15/2014
PRL ID:	PR142933	HRMS File: FS12141415

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2-MoCB	PCB-001	2051-60-7	0.0015	0.0015	UJ	0.0015
3-MoCB	PCB-002	2051-61-8	0.003	0.003	UJ	0.003
4-MoCB	PCB-003	2051-62-9	0.0036	0.0028	NJ	0.0028
2,6-DiCB	PCB-010	33146-45-1	0.0054	0.0054	UJ	0.0054
2,2'-DiCB	PCB-004	13029-08-8	0.0049	0.0049	UJ	0.0049
2,5-DiCB	PCB-009	34883-39-1	0.0066	0.0066	UJ	0.0066
2,4-DiCB	PCB-007	33284-50-3	0.0036	0.0036	UJ	0.0036
2,3'-DiCB	PCB-006	25569-80-6	0.0056	0.0056	UJ	0.0056
2,3/2,4'-DiCB	PCB-005/008		0.0048	0.0048	UJ	0.0048
3,5-DiCB	PCB-014	34883-41-5	0.0059	0.0059	UJ	0.0059
3,3'-DiCB	PCB-011	2050-67-1	0.0064	0.0064	UJ	0.0064
3,4/3,4'-DiCB	PCB-012/013		0.0057	0.0057	UJ	0.0057
4,4'-DiCB	PCB-015	2050-68-2	0.0142	0.0142	UJ	0.0142
2,2',6-TrCB	PCB-019	38444-73-4	0.0017	0.0017	UJ	0.0017
2,4,6-TrCB	PCB-030	35693-92-6	0.0022	0.0022	UJ	0.0022
2,2',5-TrCB	PCB-018	37680-65-2	0.0097	0.0028	J	0.0028
2,2',4-TrCB	PCB-017	37680-66-3	0.0029	0.0029	UJ	0.0029
2,3,6-TrCB	PCB-024	55702-45-9	0.0025	0.0025	UJ	0.0025
2,3',6-TrCB	PCB-027	38444-76-7	0.0015	0.0015	UJ	0.0015
2,4',6-TrCB	PCB-032	38444-77-8	0.0022	0.0022	UJ	0.0022
2,2',3-TrCB	PCB-016	38444-78-9	0.0047	0.0033	NJ	0.0033
2,3,5-TrCB	PCB-023	55720-44-0	0.0017	0.0017	UJ	0.0017
2,3',5-TrCB	PCB-034	37680-68-5	0.0017	0.0017	UJ	0.0017
2,4,5-TrCB	PCB-029	15862-07-4	0.001	0.001	UJ	0.001
2,3',5-TrCB	PCB-026	38444-81-4	0.0038	0.0014	NJ	0.0014
2,3',4-TrCB	PCB-025	55712-37-3	0.0015	0.0015	UJ	0.0015
2,4',5-TrCB	PCB-031	16606-02-3	0.0024	0.0011	NJ	0.0011
2,4,4'-TrCB	PCB-028	7012-37-5	0.0039	0.0017	NJ	0.0017
2,3,4-TrCB	PCB-021	55702-46-0	0.0025	0.0025	UJ	0.0025
	PCB-020/033		0.0017	0.0017	UJ	0.0017
2,3,4'-TrCB	PCB-022	38444-85-8	0.0077	0.002	J	0.002
3,3',5-TrCB	PCB-036	38444-87-0	0.0013	0.0013	UJ	0.0013
3,4',5-TrCB	PCB-039	38444-88-1	0.0016	0.0016	UJ	0.0016
3,4,5-TrCB	PCB-038	53555-66-1	0.002	0.002	UJ	0.002
3,3',4-TrCB	PCB-035	37680-69-6	0.0017	0.0017	UJ	0.0017
3,4,4'-TrCB	PCB-037	38444-90-5	0.0068	0.0068	UJ	0.0068
2,2',6,6'-TeCB	PCB-054	15968-05-5	0.0006	0.0006	UJ	0.0006
2,2',4,6'-TeCB	PCB-050	62796-65-0	0.0013	0.0013	UJ	0.0013
2,2',5,6'-TeCB	PCB-053	41464-41-9	0.0014	0.0014	UJ	0.0014
2,2',4,6'-TeCB	PCB-051	68194-04-7	0.0013	0.0013	NJ	0.0013
2,2',3,6'-TeCB	PCB-045	70362-45-7	0.0014	0.0014	NJ	0.0014
2,2',3,6'-TeCB	PCB-046	41464-47-5	0.0016	0.0016	UJ	0.0016
	PCB-052/069		0.0046	0.0013	J	0.0013
2,3',5',6'-TeCB	PCB-073	74338-23-1	0.0015	0.0009	UJ	0.0009
	PCB-043/049		0.0015	0.0013	NJ	0.0013
	PCB-065/075		0.0033	0.0013	NJ	0.0013
	PCB-047/048		0.0012	0.0012	UJ	0.0012
2,3,4,6-TeCB	PCB-062	54230-22-7	0.0008	0.0008	UJ	0.0008
2,2',3,5'-TeCB	PCB-044	41464-39-5	0.0131	0.002	J	0.002
2,3,3',6'-TeCB	PCB-059	74472-33-6	0.001	0.001	UJ	0.001
2,2',3,4'-TeCB	PCB-042	36559-22-5	0.0014	0.0014	UJ	0.0014
	PCB-064/072		0.0012	0.0012	UJ	0.0012



# DATA REPORT

Client:	City of Spokane	Contact: Jeffery Donovan
Client ID:	PCB Product Sample (101-101314-1100)	Date Extracted: 12/3/2014
Field ID:	#14-15219 (Liquid)	Date Analysed: 12/15/2014
PRL ID:	PR142933	HRMS File: FS12141415

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3',4',6'-TeCB	PCB-071	41464-46-4	0.0009	0.0009	UJ	0.0009
2,2',3,4'-TeCB	PCB-041	52663-59-9	0.0013	0.0013	UJ	0.0013
2,3',4,5'-TeCB	PCB-068	73575-52-7	0.0037	0.001	NJ	0.001
	PCB-040/057		0.0013	0.0013	UJ	0.0013
2,3',4,5'-TeCB	PCB-067	73575-53-8	0.0012	0.0012	UJ	0.0012
2,3,4',5'-TeCB	PCB-063	74472-34-7	0.0013	0.0013	UJ	0.0013
2,3,3',5'-TeCB	PCB-058	41464-49-7	0.0007	0.0007	UJ	0.0007
2,3,4,5'-TeCB	PCB-061	33284-53-6	0.002	0.0012	NJ	0.0012
2,4,4',5'-TeCB	PCB-074	32690-93-0	0.0018	0.0011	NJ	0.0011
2,3',4',5'-TeCB	PCB-070	32598-11-1	0.0047	0.0017	NJ	0.0017
	PCB-055/080		0.0011	0.0011	UJ	0.0011
2,3',4,4'-TeCB	PCB-066	32598-10-0	0.0008	0.0008	UJ	0.0008
2,3',4',5'-TeCB	PCB-076	70362-48-0	0.002	0.0012	J	0.0012
2,3,4,4'-TeCB	PCB-060	33025-41-1	0.0019	0.0019	UJ	0.0019
2,3,3',4'-TeCB	PCB-056	41464-43-1	0.0008	0.0008	UJ	0.0008
3,3',4,5'-TeCB	PCB-079	41464-48-6	0.0014	0.0014	UJ	0.0014
3,3',4,5'-TeCB	PCB-078	70362-49-1	0.0012	0.0012	UJ	0.0012
3,4,4',5'-TeCB	PCB-081	70362-50-4	0.0026	0.0026	UJ	0.0026
3,3',4,4'-TeCB	PCB-077	32598-13-3	0.0029	0.0029	UJ	0.0029
2,2',4,6,6'-PeCB	PCB-104	56558-16-8	0.0013	0.0013	UJ	0.0013
2,2',3,6,6'-PeCB	PCB-096	73575-54-9	0.0029	0.0029	UJ	0.0029
2,2',4,5',6'-PeCB	PCB-103	60145-21-3	0.0035	0.0035	UJ	0.0035
2,2',4,4',6'-PeCB	PCB-100	39485-83-1	0.0039	0.0039	UJ	0.0039
2,2',3,5,6'-PeCB	PCB-094	73575-55-0	0.0045	0.0045	UJ	0.0045
	PCB-093/098/102		0.0043	0.0043	UJ	0.0043
2,2',3,5',6'-PeCB	PCB-095	38379-99-6	0.0032	0.0032	UJ	0.0032
2,2',3,4,6'-PeCB	PCB-088	55215-17-3	0.0042	0.0042	UJ	0.0042
	PCB-091/121		0.0034	0.0034	UJ	0.0034
2,2',3,3',6'-PeCB	PCB-084	52663-60-2	0.0044	0.0044	UJ	0.0044
2,2',3,5,5'-PeCB	PCB-092	52663-61-3	0.0046	0.0046	UJ	0.0046
2,2',3,4,6'-PeCB	PCB-089	73575-57-2	0.0047	0.0047	UJ	0.0047
2,2',3,4',5'-PeCB	PCB-090	68194-07-0	0.005	0.005	UJ	0.005
2,2',4,5,5'-PeCB	PCB-101	37680-73-2	0.0034	0.0034	UJ	0.0034
2,3,3',5',6'-PeCB	PCB-113	68194-10-5	0.0035	0.0035	UJ	0.0035
2,2',4,4',5'-PeCB	PCB-099	38380-01-7	0.0038	0.0038	UJ	0.0038
	PCB-112/119		0.0032	0.0032	UJ	0.0032
	PCB-083/109		0.0041	0.0041	UJ	0.0041
	PCB-086/117		0.0048	0.0048	UJ	0.0048
	PCB-097/116		0.0038	0.0038	UJ	0.0038
2,3',4',5',6'-PeCB	PCB-125	74472-39-2	0.0032	0.0032	UJ	0.0032
	PCB-087/115		0.0039	0.0039	UJ	0.0039
2,3,3',5,5'-PeCB	PCB-111	39635-32-0	0.0031	0.0031	UJ	0.0031
2,2',3,4,4'-PeCB	PCB-085	65510-45-4	0.0043	0.0043	UJ	0.0043
2,3',4,5,5'-PeCB	PCB-120	68194-12-7	0.0037	0.0037	UJ	0.0037
2,3,3',4',6'-PeCB	PCB-110	38380-03-9	0.0031	0.0031	UJ	0.0031
2,2',3,3',4'-PeCB	PCB-082	52663-62-4	0.0052	0.0052	UJ	0.0052
2,3',4',5,5'-PeCB	PCB-124	70424-70-3	0.0012	0.0012	UJ	0.0012
	PCB-107/108		0.002	0.002	UJ	0.002
2,3',4,4',5'-PeCB	PCB-123	65510-44-3	0.0025	0.0025	UJ	0.0025
2,3,3',4,5'-PeCB	PCB-106	70424-69-0	0.0018	0.0018	UJ	0.0018
2,3',4,4',5'-PeCB	PCB-118	31508-00-6	0.0027	0.0027	UJ	0.0027
2,3,4,4',5'-PeCB	PCB-114	74472-37-0	0.0028	0.0028	UJ	0.0028



# DATA REPORT

Client:	City of Spokane	Contact: Jeffery Donovan
Client ID:	PCB Product Sample (101-101314-1100)	Date Extracted: 12/3/2014
Field ID:	#14-15219 (Liquid)	Date Analysed: 12/15/2014
PRL ID:	PR142933	HRMS File: FS12141415

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3,3',4',5'-PeCB	PCB-122	76842-07-4	0.0021	0.0021	UJ	0.0021
	PCB-105/127		0.0029	0.0029	UJ	0.0029
3,3',4,4',5'-PeCB	PCB-126	57465-28-8	0.0046	0.0046	UJ	0.0046
2,2',4,4',6,6'-HxCB	PCB-155	33979-03-2	0.0002	0.0002	UJ	0.0002
2,2',3,4',6,6'-HxCB	PCB-150	68194-08-1	0.0002	0.0002	UJ	0.0002
2,2',3,5,6,6'-HxCB	PCB-152	68194-09-2	0.0002	0.0002	UJ	0.0002
2,2',3,4,6,6'-HxCB	PCB-145	74472-40-5	0.0002	0.0002	UJ	0.0002
	PCB-136/148		0.0002	0.0002	UJ	0.0002
2,2',4,4',5,6'-HxCB	PCB-154	60145-22-4	0.0002	0.0002	UJ	0.0002
2,2',3,5,5',6'-HxCB	PCB-151	52663-63-5	0.0003	0.0003	UJ	0.0003
2,2',3,3',5,6'-HxCB	PCB-135	52744-13-5	0.0003	0.0003	UJ	0.0003
2,2',3,4,5',6'-HxCB	PCB-144	68194-14-9	0.0003	0.0003	UJ	0.0003
2,2',3,4',5,6'-HxCB	PCB-147	68194-13-8	0.0002	0.0002	UJ	0.0002
	PCB-139/149		0.0003	0.0003	UJ	0.0003
2,2',3,4,4',6'-HxCB	PCB-140	59291-64-4	0.0001	0.0001	UJ	0.0001
2,2',3,4,5,6'-HxCB	PCB-143	68194-15-0	0.0001	0.0001	UJ	0.0001
2,2',3,3',5,6'-HxCB	PCB-134	52704-70-8	0.0001	0.0001	UJ	0.0001
2,2',3,4,5,6'-HxCB	PCB-142	41411-61-4	0.0001	0.0001	UJ	0.0001
2,2',3,3',4,6'-HxCB	PCB-131	61798-70-7	0.0002	0.0002	UJ	0.0002
2,2',3,3',5,5'-HxCB	PCB-133	35694-04-3	0.0001	0.0001	UJ	0.0001
2,3,3',5,5',6'-HxCB	PCB-165	74472-46-1	0.0001	0.0001	UJ	0.0001
2,2',3,4',5,5'-HxCB	PCB-146	51908-16-8	0.0001	0.0001	UJ	0.0001
	PCB-132/161		0.0001	0.0001	UJ	0.0001
2,2',4,4',5,5'-HxCB	PCB-153	35065-27-1	0.0001	0.0001	UJ	0.0001
2,3',4,4',5',6'-HxCB	PCB-168	59291-65-5	0.0001	0.0001	UJ	0.0001
2,2',3,4,5,5'-HxCB	PCB-141	52712-04-6	0.0001	0.0001	UJ	0.0001
2,2',3,4,4',5'-HxCB	PCB-137	35694-06-5	0.0001	0.0001	UJ	0.0001
2,2',3,3',4,5'-HxCB	PCB-130	52663-66-8	0.0001	0.0001	UJ	0.0001
	PCB-163/164		0.0001	0.0001	UJ	0.0001
	PCB-138/160		0.0001	0.0001	UJ	0.0001
2,3,3',4,4',6'-HxCB	PCB-158	74472-42-7	0.0001	0.0001	UJ	0.0001
2,2',3,3',4,5'-HxCB	PCB-129	55215-18-4	0.0001	0.0001	UJ	0.0001
2,3,4,4',5,6'-HxCB	PCB-166	41411-63-6	0.0001	0.0001	UJ	0.0001
2,3,3',4,5,5'-HxCB	PCB-159	39635-35-3	0.0001	0.0001	UJ	0.0001
	PCB-128/162		0.0001	0.0001	UJ	0.0001
2,3',4,4',5,5'-HxCB	PCB-167	52663-72-6	0.0001	0.0001	UJ	0.0001
2,3,3',4,4',5'-HxCB	PCB-156	38380-08-4	0.0001	0.0001	UJ	0.0001
2,3,3',4,4',5'-HxCB	PCB-157	69782-90-7	0.0001	0.0001	UJ	0.0001
3,3',4,4',5,5'-HxCB	PCB-169	32774-16-6	0.0002	0.0002	UJ	0.0002
2,2',3,4',5,6,6'-HpCB	PCB-188	74487-85-7	0.0001	0.0001	UJ	0.0001
2,2',3,4,4',6,6'-HpCB	PCB-184	74472-48-3	0.0001	0.0001	UJ	0.0001
2,2',3,3',5,6,6'-HpCB	PCB-179	52663-64-6	0.0001	0.0001	UJ	0.0001
2,2',3,3',4,6,6'-HpCB	PCB-176	52663-65-7	0.0001	0.0001	UJ	0.0001
2,2',3,4,5,6,6'-HpCB	PCB-186	74472-49-4	0.0001	0.0001	UJ	0.0001
2,2',3,3',5,5',6'-HpCB	PCB-178	52663-67-9	0.0001	0.0001	UJ	0.0001
2,2',3,3',4,5',6'-HpCB	PCB-175	40186-70-7	0.0001	0.0001	UJ	0.0001
	PCB-182/187		0.0001	0.0001	UJ	0.0001
2,2',3,4,4',5',6'-HpCB	PCB-183	52663-69-1	0.0001	0.0001	UJ	0.0001
2,2',3,4,5,5',6'-HpCB	PCB-185	52712-05-7	0.0001	0.0001	UJ	0.0001
2,2',3,3',4,5,6'-HpCB	PCB-174	38411-25-5	0.0001	0.0001	UJ	0.0001
2,2',3,4,4',5,6'-HpCB	PCB-181	74472-47-2	0.0001	0.0001	UJ	0.0001
2,2',3,3',4,5',6'-HpCB	PCB-177	52663-70-4	0.0001	0.0001	UJ	0.0001



# DATA REPORT

Client:	City of Spokane	Contact: Jeffery Donovan
Client ID:	PCB Product Sample (101-101314-1100)	Date Extracted: 12/3/2014
Field ID:	#14-15219 (Liquid)	Date Analysed: 12/15/2014
PRL ID:	PR142933	HRMS File: FS12141415

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,2',3,3',4,4',6-HpCB	PCB-171	52663-71-5	0.0001	0.0001	UJ	0.0001
2,2',3,3',4,5,6-HpCB	PCB-173	68194-16-1	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,5,5'-HpCB	PCB-172	52663-74-8	0.0001	0.0001	UJ	0.0001
2,3,3',4,5,5',6-HpCB	PCB-192	74472-51-8	0.0001	0.0001	UJ	0.0001
2,2',3,4,4',5,5'-HpCB	PCB-180	35065-29-3	0.0002	0.0002	UJ	0.0002
2,3,3',4',5,5',6-HpCB	PCB-193	69782-91-8	0.0001	0.0001	UJ	0.0001
2,3,3',4,4',5,6-HpCB	PCB-191	74472-50-7	0.0001	0.0001	UJ	0.0001
2,2',3,3',4,4',5-HpCB	PCB-170	35065-30-6	0.0002	0.0002	UJ	0.0002
2,3,3',4,4',5,6-HpCB	PCB-190	41411-64-7	0.0001	0.0001	UJ	0.0001
2,3,3',4,4',5,5'-HpCB	PCB-189	39635-31-9	0.0001	0.0001	UJ	0.0001
2,2',3,3',5,5',6,6'-OxCB	PCB-202	2136-99-4	0.0001	0.0001	UJ	0.0001
2,2',3,3',4,5',6,6'-OxCB	PCB-201	40186-71-8	0.0001	0.0001	UJ	0.0001
2,2',3,4,4',5,6,6'-OxCB	PCB-204	74472-52-9	0.0001	0.0001	UJ	0.0001
2,2',3,3',4,4',6,6'-OxCB	PCB-197	33091-17-7	0.0001	0.0001	UJ	0.0001
2,2',3,3',4,5,6,6'-OxCB	PCB-200	52663-73-7	0.0001	0.0001	UJ	0.0001
2,2',3,3',4,5,5',6-OxCB	PCB-198	68194-17-2	0.0001	0.0001	UJ	0.0001
2,2',3,3',4,5,5',6'-OxCB	PCB-199	52663-75-9	0.0001	0.0001	UJ	0.0001
2,2',3,3',4,4',5,6'-OxCB	PCB-196	42740-50-1	0.0001	0.0001	UJ	0.0001
2,2',3,4,4',5,5',6-OxCB	PCB-203	52663-76-0	0.0001	0.0001	UJ	0.0001
2,2',3,3',4,4',5,6-OxCB	PCB-195	52663-78-2	0.0001	0.0001	UJ	0.0001
2,2',3,3',4,4',5,5'-OxCB	PCB-194	35694-08-7	0.0001	0.0001	UJ	0.0001
2,3,3',4,4',5,5',6-OxCB	PCB-205	74472-53-0	0.0001	0.0001	UJ	0.0001
2,2',3,3',4,5,5',6,6'-NoCB	PCB-208	52663-77-1	0.004	0.0022	NJ	0.0022
2,2',3,3',4,4',5,6,6'-NoCB	PCB-207	52663-79-3	0.002	0.002	UJ	0.002
2,2',3,3',4,4',5,5',6-NoCB	PCB-206	40186-72-9	0.0021	0.0021	UJ	0.0021
2,2',3,3',4,4',5,5',6,6'-DeCB	PCB-209	2051-24-3	0.0003	0.0003	UJ	0.0003

Homologs	# of Congeners			
Monochlorobiphenyls	3	0.0015	0.0015	UJ
Dichlorobiphenyls	12	0.0036	0.0036	UJ
Trichlorobiphenyls	24	0.0174	0.001	BJ
Tetrachlorobiphenyls	42	0.0197	0.0006	J
Pentachlorobiphenyls	46	0.0012	0.0012	UJ
Hexachlorobiphenyls	42	0.0001	0.0001	UJ
Heptachlorobiphenyls	24	0.0001	0.0001	UJ
Octachlorobiphenyls	12	0.0001	0.0001	UJ
Nonachlorobiphenyls	3	0.002	0.002	UJ
Decachlorobiphenyl	1	0.0003	0.0003	UJ
<b>Total PCB</b>		<b>0.0371</b>	<b>0.0001</b>	<b>B</b>



# DATA REPORT

Client:	City of Spokane	Contact: Jeffery Donovan
Client ID:	PCB Product Sample (101-101314-1100)	Date Extracted: 12/3/2014
Field ID:	#14-15219 (Liquid)	Date Analysed: 12/15/2014
PRL ID:	PR142933	HRMS File: FS12141415

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
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Surrogate Recoveries			Acceptance	
Chemical Name	IUPAC #	%	Min	Max
<sup>13</sup> C <sub>12</sub> -2-MoCB	1L	30	5	145
<sup>13</sup> C <sub>12</sub> -4-MoCB	3L	38	5	145
<sup>13</sup> C <sub>12</sub> -2,2'-DiCB	4L	38	5	145
<sup>13</sup> C <sub>12</sub> -4,4'-DiCB	15L	40	5	145
<sup>13</sup> C <sub>12</sub> -2,2',6'-TrCB	19L	39	5	145
<sup>13</sup> C <sub>12</sub> -3,4,4'-TrCB	37L	42	5	145
<sup>13</sup> C <sub>12</sub> -2,2',6,6'-TeCB	54L	42	5	145
<sup>13</sup> C <sub>12</sub> -3,4,4',5'-TeCB	81L	64	5	145
<sup>13</sup> C <sub>12</sub> -3,3',4,4'-TeCB	77L	44	10	145
<sup>13</sup> C <sub>12</sub> -2,2',4,6,6'-PeCB	104L	63	10	145
<sup>13</sup> C <sub>12</sub> -2',3,4,4',5'-PeCB	123L	38	10	145
<sup>13</sup> C <sub>12</sub> -2,3',4,4',5'-PeCB	118L	38	10	145
<sup>13</sup> C <sub>12</sub> -2,3,4,4',5'-PeCB	114L	37	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4'-PeCB	105L	36	10	145
<sup>13</sup> C <sub>12</sub> -3,3',4,4',5'-PeCB	126L	40	10	145
<sup>13</sup> C <sub>12</sub> -2,2',4,4',6,6'-HxCB	155L	57	10	145
<sup>13</sup> C <sub>12</sub> -2,3',4,4',5,5'-HxCB	167L	61	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5'-HxCB	156L	63	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5'-HxCB	157L	67	10	145
<sup>13</sup> C <sub>12</sub> -3,3',4,4',5,5'-HxCB	169L	67	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,4',5,6,6'-HpCB	188L	65	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5,5'-HpCB	189L	61	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',5,5',6,6'-OeCB	202L	84	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5,5',6'-OeCB	205L	77	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',4',5,5',6'-NoCB	208L	90	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',4,4',5,5',6'-NoCB	206L	79	10	145
<sup>13</sup> C <sub>12</sub> -DeCB	209L	84	10	145
<sup>13</sup> C <sub>12</sub> -2,4,4'-TrCB	28L	50	5	145
<sup>13</sup> C <sub>12</sub> -2,3,3',5,5'-PeCB	111L	69	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',5,5',6'-HpCB	178L	76	10	145



# DATA REPORT

Client:	<u>City of Spokane</u>	Contact: <u>Jeffery Donovan</u>
Client ID:	<u>PCB Product Sample (027-101014-0950)</u>	Date Extracted: <u>12/3/2014</u>
Field ID:	<u>#14-15220 (Liquid)</u>	Date Analysed: <u>12/14/2014</u>
PRL ID:	<u>PR142934</u>	HRMS File: <u>FS12141403</u>

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2-MoCB	PCB-001	2051-60-7	0.0056	0.0012	J	0.0012
3-MoCB	PCB-002	2051-61-8	0.0266	0.0027		0.0027
4-MoCB	PCB-003	2051-62-9	0.0035	0.0035	UJ	0.0035
2,6-DiCB	PCB-010	33146-45-1	0.0019	0.0019	UJ	0.0019
2,2'-DiCB	PCB-004	13029-08-8	0.0178	0.0022	J	0.0022
2,5-DiCB	PCB-009	34883-39-1	0.0062	0.0023	J	0.0023
2,4-DiCB	PCB-007	33284-50-3	0.0013	0.0013	UJ	0.0013
2,3'-DiCB	PCB-006	25569-80-6	0.009	0.002	J	0.002
2,3/2,4'-DiCB	PCB-005/008		0.0388	0.0017		0.0017
3,5-DiCB	PCB-014	34883-41-5	0.0021	0.0021	UJ	0.0021
3,3'-DiCB	PCB-011	2050-67-1	0.224	0.0022		0.0022
3,4/3,4'-DiCB	PCB-012/013		0.002	0.002	UJ	0.002
4,4'-DiCB	PCB-015	2050-68-2	0.0031	0.0031	UJ	0.0031
2,2',6-TrCB	PCB-019	38444-73-4	0.0082	0.0022	NJ	0.0022
2,4,6-TrCB	PCB-030	35693-92-6	0.0013	0.0013	UJ	0.0013
2,2',5-TrCB	PCB-018	37680-65-2	0.0272	0.0017		0.0017
2,2',4-TrCB	PCB-017	37680-66-3	0.0096	0.0017	J	0.0017
2,3,6-TrCB	PCB-024	55702-45-9	0.0015	0.0015	UJ	0.0015
2,3',6-TrCB	PCB-027	38444-76-7	0.0009	0.0009	UJ	0.0009
2,4',6-TrCB	PCB-032	38444-77-8	0.006	0.0012	BJ	0.0012
2,2',3-TrCB	PCB-016	38444-78-9	0.0067	0.0019	NJ	0.0019
2,3,5-TrCB	PCB-023	55720-44-0	0.0011	0.0011	UJ	0.0011
2,3',5'-TrCB	PCB-034	37680-68-5	0.0009	0.0009	UJ	0.0009
2,4,5-TrCB	PCB-029	15862-07-4	0.0006	0.0006	UJ	0.0006
2,3',5-TrCB	PCB-026	38444-81-4	0.0078	0.0009	NJ	0.0009
2,3',4-TrCB	PCB-025	55712-37-3	0.0009	0.0009	UJ	0.0009
2,4',5-TrCB	PCB-031	16606-02-3	0.0275	0.0007		0.0007
2,4,4'-TrCB	PCB-028	7012-37-5	0.0331	0.001	B	0.001
2,3,4-TrCB	PCB-021	55702-46-0	0.0014	0.0014	UJ	0.0014
	PCB-020/033		0.0247	0.0009		0.0009
2,3,4'-TrCB	PCB-022	38444-85-8	0.0195	0.0012	J	0.0012
3,3',5-TrCB	PCB-036	38444-87-0	0.0008	0.0008	UJ	0.0008
3,4',5-TrCB	PCB-039	38444-88-1	0.0009	0.0009	UJ	0.0009
3,4,5-TrCB	PCB-038	53555-66-1	0.0011	0.0011	UJ	0.0011
3,3',4-TrCB	PCB-035	37680-69-6	0.001	0.001	UJ	0.001
3,4,4'-TrCB	PCB-037	38444-90-5	0.0014	0.0014	UJ	0.0014
2,2',6,6'-TeCB	PCB-054	15968-05-5	0.0004	0.0004	UJ	0.0004
2,2',4,6'-TeCB	PCB-050	62796-65-0	0.0006	0.0006	UJ	0.0006
2,2',5,6'-TeCB	PCB-053	41464-41-9	0.0041	0.0007	J	0.0007
2,2',4,6'-TeCB	PCB-051	68194-04-7	0.0032	0.0007	J	0.0007
2,2',3,6'-TeCB	PCB-045	70362-45-7	0.008	0.0007	J	0.0007
2,2',3,6'-TeCB	PCB-046	41464-47-5	0.0008	0.0008	UJ	0.0008
	PCB-052/069		0.0366	0.0006		0.0006
2,3',5',6'-TeCB	PCB-073	74338-23-1	0.0005	0.0005	UJ	0.0005
	PCB-043/049		0.0147	0.0007	J	0.0007
	PCB-065/075		0.0006	0.0006	UJ	0.0006
	PCB-047/048		0.016	0.0006	J	0.0006
2,3,4,6-TeCB	PCB-062	54230-22-7	0.0004	0.0004	UJ	0.0004
2,2',3,5'-TeCB	PCB-044	41464-39-5	0.0161	0.001	NJ	0.001
2,3,3',6'-TeCB	PCB-059	74472-33-6	0.0005	0.0005	UJ	0.0005
2,2',3,4'-TeCB	PCB-042	36559-22-5	0.0078	0.0007	J	0.0007
	PCB-064/072		0.0106	0.0006	J	0.0006



# DATA REPORT

Client:	City of Spokane	Contact: Jeffery Donovan
Client ID:	PCB Product Sample (027-101014-0950)	Date Extracted: 12/3/2014
Field ID:	#14-15220 (Liquid)	Date Analysed: 12/14/2014
PRL ID:	PR142934	HRMS File: FS12141403

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3',4',6'-TeCB	PCB-071	41464-46-4	0.0052	0.0004	J	0.0004
2,2',3,4'-TeCB	PCB-041	52663-59-9	0.0037	0.0007	J	0.0007
2,3',4,5'-TeCB	PCB-068	73575-52-7	0.0005	0.0005	UJ	0.0005
	PCB-040/057		0.0007	0.0007	UJ	0.0007
2,3',4,5'-TeCB	PCB-067	73575-53-8	0.0007	0.0006	NJ	0.0006
2,3,4',5'-TeCB	PCB-063	74472-34-7	0.0007	0.0007	UJ	0.0007
2,3,3',5'-TeCB	PCB-058	41464-49-7	0.0004	0.0004	UJ	0.0004
2,3,4,5'-TeCB	PCB-061	33284-53-6	0.0006	0.0006	UJ	0.0006
2,4,4',5'-TeCB	PCB-074	32690-93-0	0.0006	0.0006	UJ	0.0006
2,3',4',5'-TeCB	PCB-070	32598-11-1	0.0009	0.0009	UJ	0.0009
	PCB-055/080		0.0005	0.0005	UJ	0.0005
2,3',4,4'-TeCB	PCB-066	32598-10-0	0.0008	0.0004	NJ	0.0004
2,3',4',5'-TeCB	PCB-076	70362-48-0	0.0006	0.0006	UJ	0.0006
2,3,4,4'-TeCB	PCB-060	33025-41-1	0.0009	0.0009	UJ	0.0009
2,3,3',4'-TeCB	PCB-056	41464-43-1	0.0004	0.0004	UJ	0.0004
3,3',4,5'-TeCB	PCB-079	41464-48-6	0.0007	0.0007	UJ	0.0007
3,3',4,5'-TeCB	PCB-078	70362-49-1	0.0006	0.0006	UJ	0.0006
3,4,4',5'-TeCB	PCB-081	70362-50-4	0.0009	0.0009	UJ	0.0009
3,3',4,4'-TeCB	PCB-077	32598-13-3	0.001	0.001	UJ	0.001
2,2',4,6,6'-PeCB	PCB-104	56558-16-8	0.0005	0.0005	UJ	0.0005
2,2',3,6,6'-PeCB	PCB-096	73575-54-9	0.0005	0.0005	UJ	0.0005
2,2',4,5',6'-PeCB	PCB-103	60145-21-3	0.0006	0.0006	UJ	0.0006
2,2',4,4',6'-PeCB	PCB-100	39485-83-1	0.0007	0.0007	UJ	0.0007
2,2',3,5,6'-PeCB	PCB-094	73575-55-0	0.0008	0.0008	UJ	0.0008
	PCB-093/098/102		0.0008	0.0008	UJ	0.0008
2,2',3,5',6'-PeCB	PCB-095	38379-99-6	0.0037	0.0006	J	0.0006
2,2',3,4,6'-PeCB	PCB-088	55215-17-3	0.0008	0.0008	UJ	0.0008
	PCB-091/121		0.0006	0.0006	UJ	0.0006
2,2',3,3',6'-PeCB	PCB-084	52663-60-2	0.0008	0.0008	UJ	0.0008
2,2',3,5,5'-PeCB	PCB-092	52663-61-3	0.0008	0.0008	UJ	0.0008
2,2',3,4,6'-PeCB	PCB-089	73575-57-2	0.0009	0.0009	UJ	0.0009
2,2',3,4',5'-PeCB	PCB-090	68194-07-0	0.0009	0.0009	UJ	0.0009
2,2',4,5,5'-PeCB	PCB-101	37680-73-2	0.0023	0.0006	NJ	0.0006
2,3,3',5',6'-PeCB	PCB-113	68194-10-5	0.0006	0.0006	UJ	0.0006
2,2',4,4',5'-PeCB	PCB-099	38380-01-7	0.0007	0.0007	UJ	0.0007
	PCB-112/119		0.0006	0.0006	UJ	0.0006
	PCB-083/109		0.0008	0.0008	UJ	0.0008
	PCB-086/117		0.0009	0.0009	UJ	0.0009
	PCB-097/116		0.0007	0.0007	UJ	0.0007
2,3',4',5',6'-PeCB	PCB-125	74472-39-2	0.0006	0.0006	UJ	0.0006
	PCB-087/115		0.002	0.0007	J	0.0007
2,3,3',5,5'-PeCB	PCB-111	39635-32-0	0.0006	0.0006	UJ	0.0006
2,2',3,4,4'-PeCB	PCB-085	65510-45-4	0.0008	0.0008	UJ	0.0008
2,3',4,5,5'-PeCB	PCB-120	68194-12-7	0.0007	0.0007	UJ	0.0007
2,3,3',4',6'-PeCB	PCB-110	38380-03-9	0.0013	0.0006	NJ	0.0006
2,2',3,3',4'-PeCB	PCB-082	52663-62-4	0.001	0.001	UJ	0.001
2,3',4',5,5'-PeCB	PCB-124	70424-70-3	0.0003	0.0003	UJ	0.0003
	PCB-107/108		0.0004	0.0004	UJ	0.0004
2,3',4,4',5'-PeCB	PCB-123	65510-44-3	0.0004	0.0004	UJ	0.0004
2,3,3',4,5'-PeCB	PCB-106	70424-69-0	0.0003	0.0003	UJ	0.0003
2,3',4,4',5'-PeCB	PCB-118	31508-00-6	0.0005	0.0004	NJ	0.0004
2,3,4,4',5'-PeCB	PCB-114	74472-37-0	0.0004	0.0004	UJ	0.0004



# DATA REPORT

Client:	City of Spokane	Contact: Jeffery Donovan
Client ID:	PCB Product Sample (027-101014-0950)	Date Extracted: 12/3/2014
Field ID:	#14-15220 (Liquid)	Date Analysed: 12/14/2014
PRL ID:	PR142934	HRMS File: FS12141403

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3,3',4',5'-PeCB	PCB-122	76842-07-4	0.0004	0.0004	UJ	0.0004
	PCB-105/127		0.0012	0.0004	J	0.0004
3,3',4,4',5'-PeCB	PCB-126	57465-28-8	0.0008	0.0008	UJ	0.0008
2,2',4,4',6,6'-HxCB	PCB-155	33979-03-2	0.0004	0.0004	UJ	0.0004
2,2',3,4',6,6'-HxCB	PCB-150	68194-08-1	0.0003	0.0003	UJ	0.0003
2,2',3,5,6,6'-HxCB	PCB-152	68194-09-2	0.0003	0.0003	UJ	0.0003
2,2',3,4,6,6'-HxCB	PCB-145	74472-40-5	0.0003	0.0003	UJ	0.0003
	PCB-136/148		0.0004	0.0004	UJ	0.0004
2,2',4,4',5,6'-HxCB	PCB-154	60145-22-4	0.0004	0.0004	UJ	0.0004
2,2',3,5,5',6'-HxCB	PCB-151	52663-63-5	0.0004	0.0004	UJ	0.0004
2,2',3,3',5,6'-HxCB	PCB-135	52744-13-5	0.0005	0.0005	UJ	0.0005
2,2',3,4,5',6'-HxCB	PCB-144	68194-14-9	0.0005	0.0005	UJ	0.0005
2,2',3,4',5,6'-HxCB	PCB-147	68194-13-8	0.0004	0.0004	UJ	0.0004
	PCB-139/149		0.0005	0.0005	UJ	0.0005
2,2',3,4,4',6'-HxCB	PCB-140	59291-64-4	0.0001	0.0001	UJ	0.0001
2,2',3,4,5,6'-HxCB	PCB-143	68194-15-0	0.0002	0.0002	UJ	0.0002
2,2',3,3',5,6'-HxCB	PCB-134	52704-70-8	0.0002	0.0002	UJ	0.0002
2,2',3,4,5,6'-HxCB	PCB-142	41411-61-4	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,6'-HxCB	PCB-131	61798-70-7	0.0003	0.0003	NJ	0.0003
2,2',3,3',5,5'-HxCB	PCB-133	35694-04-3	0.0002	0.0002	UJ	0.0002
2,3,3',5,5',6'-HxCB	PCB-165	74472-46-1	0.0002	0.0002	UJ	0.0002
2,2',3,4',5,5'-HxCB	PCB-146	51908-16-8	0.0002	0.0002	NJ	0.0002
	PCB-132/161		0.001	0.0002	NJ	0.0002
2,2',4,4',5,5'-HxCB	PCB-153	35065-27-1	0.0028	0.0002	J	0.0002
2,3',4,4',5',6'-HxCB	PCB-168	59291-65-5	0.0001	0.0001	UJ	0.0001
2,2',3,4,5,5'-HxCB	PCB-141	52712-04-6	0.0008	0.0002	NJ	0.0002
2,2',3,4,4',5'-HxCB	PCB-137	35694-06-5	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,5'-HxCB	PCB-130	52663-66-8	0.0002	0.0002	UJ	0.0002
	PCB-163/164		0.0006	0.0002	NJ	0.0002
	PCB-138/160		0.0008	0.0002	NJ	0.0002
2,3,3',4,4',6'-HxCB	PCB-158	74472-42-7	0.0001	0.0001	UJ	0.0001
2,2',3,3',4,5'-HxCB	PCB-129	55215-18-4	0.0002	0.0002	UJ	0.0002
2,3,4,4',5,6'-HxCB	PCB-166	41411-63-6	0.0002	0.0002	UJ	0.0002
2,3,3',4,5,5'-HxCB	PCB-159	39635-35-3	0.0001	0.0001	UJ	0.0001
	PCB-128/162		0.0005	0.0002	NJ	0.0002
2,3',4,4',5,5'-HxCB	PCB-167	52663-72-6	0.0004	0.0002	NJ	0.0002
2,3,3',4,4',5'-HxCB	PCB-156	38380-08-4	0.0009	0.0002	NJ	0.0002
2,3,3',4,4',5'-HxCB	PCB-157	69782-90-7	0.0002	0.0002	UJ	0.0002
3,3',4,4',5,5'-HxCB	PCB-169	32774-16-6	0.0003	0.0003	UJ	0.0003
2,2',3,4',5,6,6'-HpCB	PCB-188	74487-85-7	0.0002	0.0002	UJ	0.0002
2,2',3,4,4',6,6'-HpCB	PCB-184	74472-48-3	0.0002	0.0002	UJ	0.0002
2,2',3,3',5,6,6'-HpCB	PCB-179	52663-64-6	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,6,6'-HpCB	PCB-176	52663-65-7	0.0002	0.0002	UJ	0.0002
2,2',3,4,5,6,6'-HpCB	PCB-186	74472-49-4	0.0002	0.0002	UJ	0.0002
2,2',3,3',5,5',6'-HpCB	PCB-178	52663-67-9	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,5',6'-HpCB	PCB-175	40186-70-7	0.0002	0.0002	UJ	0.0002
	PCB-182/187		0.0002	0.0002	UJ	0.0002
2,2',3,4,4',5',6'-HpCB	PCB-183	52663-69-1	0.0002	0.0002	UJ	0.0002
2,2',3,4,5,5',6'-HpCB	PCB-185	52712-05-7	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,5,6'-HpCB	PCB-174	38411-25-5	0.0002	0.0002	UJ	0.0002
2,2',3,4,4',5,6'-HpCB	PCB-181	74472-47-2	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,5',6'-HpCB	PCB-177	52663-70-4	0.0002	0.0002	UJ	0.0002



# DATA REPORT

Client:	City of Spokane	Contact: Jeffery Donovan
Client ID:	PCB Product Sample (027-101014-0950)	Date Extracted: 12/3/2014
Field ID:	#14-15220 (Liquid)	Date Analysed: 12/14/2014
PRL ID:	PR142934	HRMS File: FS12141403

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,2',3,3',4,4',6-HpCB	PCB-171	52663-71-5	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,5,6-HpCB	PCB-173	68194-16-1	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,5,5'-HpCB	PCB-172	52663-74-8	0.0002	0.0002	UJ	0.0002
2,3,3',4,5,5',6-HpCB	PCB-192	74472-51-8	0.0002	0.0002	UJ	0.0002
2,2',3,4,4',5,5'-HpCB	PCB-180	35065-29-3	0.0018	0.0003	J	0.0003
2,3,3',4',5,5',6-HpCB	PCB-193	69782-91-8	0.0002	0.0002	UJ	0.0002
2,3,3',4,4',5,6-HpCB	PCB-191	74472-50-7	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,4',5-HpCB	PCB-170	35065-30-6	0.0003	0.0003	UJ	0.0003
2,3,3',4,4',5,6-HpCB	PCB-190	41411-64-7	0.0002	0.0002	UJ	0.0002
2,3,3',4,4',5,5'-HpCB	PCB-189	39635-31-9	0.0001	0.0001	UJ	0.0001
2,2',3,3',5,5',6,6'-OxCB	PCB-202	2136-99-4	0.0001	0.0001	UJ	0.0001
2,2',3,3',4,5',6,6'-OxCB	PCB-201	40186-71-8	0.0001	0.0001	UJ	0.0001
2,2',3,4,4',5,6,6'-OxCB	PCB-204	74472-52-9	0.0001	0.0001	UJ	0.0001
2,2',3,3',4,4',6,6'-OxCB	PCB-197	33091-17-7	0.0001	0.0001	UJ	0.0001
2,2',3,3',4,5,6,6'-OxCB	PCB-200	52663-73-7	0.0001	0.0001	UJ	0.0001
2,2',3,3',4,5,5',6-OxCB	PCB-198	68194-17-2	0.0002	0.0001	NJ	0.0001
2,2',3,3',4,5,5',6'-OxCB	PCB-199	52663-75-9	0.0001	0.0001	UJ	0.0001
2,2',3,3',4,4',5,6'-OxCB	PCB-196	42740-50-1	0.0001	0.0001	UJ	0.0001
2,2',3,4,4',5,5',6-OxCB	PCB-203	52663-76-0	0.0001	0.0001	UJ	0.0001
2,2',3,3',4,4',5,6-OxCB	PCB-195	52663-78-2	0.0001	0.0001	UJ	0.0001
2,2',3,3',4,4',5,5'-OxCB	PCB-194	35694-08-7	0.0006	0.0001	NJ	0.0001
2,3,3',4,4',5,5',6-OxCB	PCB-205	74472-53-0	0.0001	0.0001	UJ	0.0001
2,2',3,3',4,5,5',6,6'-NoCB	PCB-208	52663-77-1	0.0004	0.0004	UJ	0.0004
2,2',3,3',4,4',5,6,6'-NoCB	PCB-207	52663-79-3	0.0004	0.0004	UJ	0.0004
2,2',3,3',4,4',5,5',6-NoCB	PCB-206	40186-72-9	0.0004	0.0004	UJ	0.0004
2,2',3,3',4,4',5,5',6,6'-DeCB	PCB-209	2051-24-3	0.0001	0.0001	UJ	0.0001

Homologs	# of Congeners			
Monochlorobiphenyls	3	0.0322	0.0012	
Dichlorobiphenyls	12	0.296	0.0013	
Trichlorobiphenyls	24	0.148	0.0006	B
Tetrachlorobiphenyls	42	0.11	0.0004	
Pentachlorobiphenyls	46	0.0069	0.0003	BJ
Hexachlorobiphenyls	42	0.0028	0.0001	J
Heptachlorobiphenyls	24	0.0018	0.0001	J
Octachlorobiphenyls	12	0.0001	0.0001	UJ
Nonachlorobiphenyls	3	0.0004	0.0004	UJ
Decachlorobiphenyl	1	0.0001	0.0001	UJ
<b>Total PCB</b>		<b>0.597</b>	<b>0.0001</b>	



# DATA REPORT

Client:	City of Spokane	Contact: Jeffery Donovan
Client ID:	PCB Product Sample (027-101014-0950)	Date Extracted: 12/3/2014
Field ID:	#14-15220 (Liquid)	Date Analysed: 12/14/2014
PRL ID:	PR142934	HRMS File: FS12141403

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
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Surrogate Recoveries			Acceptance	
Chemical Name	IUPAC #	%	Min	Max
<sup>13</sup> C <sub>12</sub> -2-MoCB	1L	20	5	145
<sup>13</sup> C <sub>12</sub> -4-MoCB	3L	17	5	145
<sup>13</sup> C <sub>12</sub> -2,2'-DiCB	4L	31	5	145
<sup>13</sup> C <sub>12</sub> -4,4'-DiCB	15L	43	5	145
<sup>13</sup> C <sub>12</sub> -2,2',6'-TrCB	19L	27	5	145
<sup>13</sup> C <sub>12</sub> -3,4,4'-TrCB	37L	79	5	145
<sup>13</sup> C <sub>12</sub> -2,2',6,6'-TeCB	54L	29	5	145
<sup>13</sup> C <sub>12</sub> -3,4,4',5'-TeCB	81L	70	5	145
<sup>13</sup> C <sub>12</sub> -3,3',4,4'-TeCB	77L	62	10	145
<sup>13</sup> C <sub>12</sub> -2,2',4,6,6'-PeCB	104L	58	10	145
<sup>13</sup> C <sub>12</sub> -2',3,4,4',5'-PeCB	123L	78	10	145
<sup>13</sup> C <sub>12</sub> -2,3',4,4',5'-PeCB	118L	68	10	145
<sup>13</sup> C <sub>12</sub> -2,3,4,4',5'-PeCB	114L	74	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4'-PeCB	105L	81	10	145
<sup>13</sup> C <sub>12</sub> -3,3',4,4',5'-PeCB	126L	81	10	145
<sup>13</sup> C <sub>12</sub> -2,2',4,4',6,6'-HxCB	155L	61	10	145
<sup>13</sup> C <sub>12</sub> -2,3',4,4',5,5'-HxCB	167L	67	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5'-HxCB	156L	69	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5'-HxCB	157L	79	10	145
<sup>13</sup> C <sub>12</sub> -3,3',4,4',5,5'-HxCB	169L	73	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,4',5,6,6'-HpCB	188L	66	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5,5'-HpCB	189L	100	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',5,5',6,6'-OeCB	202L	66	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5,5',6-OeCB	205L	80	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',4',5,5',6,6'-NoCB	208L	95	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',4,4',5,5',6-NoCB	206L	82	10	145
<sup>13</sup> C <sub>12</sub> -DeCB	209L	85	10	145
<sup>13</sup> C <sub>12</sub> -2,4,4'-TrCB	28L	65	5	145
<sup>13</sup> C <sub>12</sub> -2,3,3',5,5'-PeCB	111L	102	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',5,5',6-HpCB	178L	69	10	145



# DATA REPORT

Client:	City of Spokane	Contact: Jeffery Donovan
Client ID:	PCB Product Sample (027-101014-0950)	Date Extracted: 12/3/2014
Field ID:	#14-15220 (Liquid)	Date Analysed: 12/14/2014
PRL ID:	PR142934D	HRMS File: FS12141404

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2-MoCB	PCB-001	2051-60-7	0.0054	0.0008	J	0.0008
3-MoCB	PCB-002	2051-61-8	0.0164	0.0018	J	0.0018
4-MoCB	PCB-003	2051-62-9	0.0021	0.0021	UJ	0.0021
2,6-DiCB	PCB-010	33146-45-1	0.001	0.001	UJ	0.001
2,2'-DiCB	PCB-004	13029-08-8	0.0135	0.0018	J	0.0018
2,5-DiCB	PCB-009	34883-39-1	0.0012	0.0012	UJ	0.0012
2,4-DiCB	PCB-007	33284-50-3	0.0007	0.0007	UJ	0.0007
2,3'-DiCB	PCB-006	25569-80-6	0.0075	0.001	J	0.001
2,3/2,4'-DiCB	PCB-005/008		0.0187	0.0009	J	0.0009
3,5-DiCB	PCB-014	34883-41-5	0.0011	0.0011	UJ	0.0011
3,3'-DiCB	PCB-011	2050-67-1	0.198	0.0012		0.0012
3,4/3,4'-DiCB	PCB-012/013		0.001	0.001	UJ	0.001
4,4'-DiCB	PCB-015	2050-68-2	0.0107	0.0011	J	0.0011
2,2',6-TrCB	PCB-019	38444-73-4	0.0021	0.0021	UJ	0.0021
2,4,6-TrCB	PCB-030	35693-92-6	0.0011	0.0011	UJ	0.0011
2,2',5-TrCB	PCB-018	37680-65-2	0.0186	0.0014	J	0.0014
2,2',4-TrCB	PCB-017	37680-66-3	0.0082	0.0015	J	0.0015
2,3,6-TrCB	PCB-024	55702-45-9	0.0013	0.0013	UJ	0.0013
2,3',6-TrCB	PCB-027	38444-76-7	0.0008	0.0008	NJ	0.0008
2,4',6-TrCB	PCB-032	38444-77-8	0.0052	0.0011	BJ	0.0011
2,2',3-TrCB	PCB-016	38444-78-9	0.0017	0.0017	UJ	0.0017
2,3,5-TrCB	PCB-023	55720-44-0	0.0009	0.0009	UJ	0.0009
2,3',5'-TrCB	PCB-034	37680-68-5	0.0026	0.0008	NJ	0.0008
2,4,5-TrCB	PCB-029	15862-07-4	0.0018	0.0005	J	0.0005
2,3',5-TrCB	PCB-026	38444-81-4	0.0055	0.0007	J	0.0007
2,3',4-TrCB	PCB-025	55712-37-3	0.0008	0.0008	UJ	0.0008
2,4',5-TrCB	PCB-031	16606-02-3	0.0199	0.0006	J	0.0006
2,4,4'-TrCB	PCB-028	7012-37-5	0.0284	0.0009	B	0.0009
2,3,4-TrCB	PCB-021	55702-46-0	0.0012	0.0012	UJ	0.0012
	PCB-020/033		0.0161	0.0008	J	0.0008
2,3,4'-TrCB	PCB-022	38444-85-8	0.0132	0.001	J	0.001
3,3',5-TrCB	PCB-036	38444-87-0	0.0007	0.0007	UJ	0.0007
3,4',5-TrCB	PCB-039	38444-88-1	0.0008	0.0008	UJ	0.0008
3,4,5-TrCB	PCB-038	53555-66-1	0.001	0.001	UJ	0.001
3,3',4-TrCB	PCB-035	37680-69-6	0.0009	0.0009	UJ	0.0009
3,4,4'-TrCB	PCB-037	38444-90-5	0.0012	0.0012	UJ	0.0012
2,2',6,6'-TeCB	PCB-054	15968-05-5	0.0004	0.0003	NJ	0.0003
2,2',4,6'-TeCB	PCB-050	62796-65-0	0.0005	0.0005	UJ	0.0005
2,2',5,6'-TeCB	PCB-053	41464-41-9	0.0043	0.0005	J	0.0005
2,2',4,6'-TeCB	PCB-051	68194-04-7	0.001	0.0005	NJ	0.0005
2,2',3,6'-TeCB	PCB-045	70362-45-7	0.0022	0.0005	J	0.0005
2,2',3,6'-TeCB	PCB-046	41464-47-5	0.0006	0.0006	UJ	0.0006
	PCB-052/069		0.0178	0.0005	J	0.0005
2,3',5',6'-TeCB	PCB-073	74338-23-1	0.0003	0.0003	UJ	0.0003
	PCB-043/049		0.0085	0.0005	J	0.0005
	PCB-065/075		0.0005	0.0005	UJ	0.0005
	PCB-047/048		0.0088	0.0004	J	0.0004
2,3,4,6-TeCB	PCB-062	54230-22-7	0.0003	0.0003	UJ	0.0003
2,2',3,5'-TeCB	PCB-044	41464-39-5	0.0131	0.0008	J	0.0008
2,3,3',6-TeCB	PCB-059	74472-33-6	0.0004	0.0004	UJ	0.0004
2,2',3,4'-TeCB	PCB-042	36559-22-5	0.0039	0.0005	J	0.0005
	PCB-064/072		0.0073	0.0004	J	0.0004



# DATA REPORT

Client:	City of Spokane	Contact: Jeffery Donovan
Client ID:	PCB Product Sample (027-101014-0950)	Date Extracted: 12/3/2014
Field ID:	#14-15220 (Liquid)	Date Analysed: 12/14/2014
PRL ID:	PR142934D	HRMS File: FS12141404

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3',4',6'-TeCB	PCB-071	41464-46-4	0.0033	0.0003	J	0.0003
2,2',3,4'-TeCB	PCB-041	52663-59-9	0.0018	0.0005	J	0.0005
2,3',4,5'-TeCB	PCB-068	73575-52-7	0.0004	0.0004	UJ	0.0004
	PCB-040/057		0.0005	0.0005	UJ	0.0005
2,3',4,5'-TeCB	PCB-067	73575-53-8	0.0005	0.0005	UJ	0.0005
2,3,4',5'-TeCB	PCB-063	74472-34-7	0.0005	0.0005	UJ	0.0005
2,3,3',5'-TeCB	PCB-058	41464-49-7	0.0003	0.0003	UJ	0.0003
2,3,4,5'-TeCB	PCB-061	33284-53-6	0.0004	0.0004	UJ	0.0004
2,4,4',5'-TeCB	PCB-074	32690-93-0	0.0004	0.0004	UJ	0.0004
2,3',4',5'-TeCB	PCB-070	32598-11-1	0.0006	0.0006	UJ	0.0006
	PCB-055/080		0.0004	0.0004	UJ	0.0004
2,3',4,4'-TeCB	PCB-066	32598-10-0	0.0003	0.0003	UJ	0.0003
2,3',4',5'-TeCB	PCB-076	70362-48-0	0.0012	0.0005	NJ	0.0005
2,3,4,4'-TeCB	PCB-060	33025-41-1	0.0055	0.0007	NJ	0.0007
2,3,3',4'-TeCB	PCB-056	41464-43-1	0.0003	0.0003	UJ	0.0003
3,3',4,5'-TeCB	PCB-079	41464-48-6	0.0005	0.0005	UJ	0.0005
3,3',4,5'-TeCB	PCB-078	70362-49-1	0.0004	0.0004	UJ	0.0004
3,4,4',5'-TeCB	PCB-081	70362-50-4	0.0006	0.0006	UJ	0.0006
3,3',4,4'-TeCB	PCB-077	32598-13-3	0.0006	0.0006	UJ	0.0006
2,2',4,6,6'-PeCB	PCB-104	56558-16-8	0.0005	0.0005	UJ	0.0005
2,2',3,6,6'-PeCB	PCB-096	73575-54-9	0.0004	0.0004	UJ	0.0004
2,2',4,5',6'-PeCB	PCB-103	60145-21-3	0.0005	0.0005	UJ	0.0005
2,2',4,4',6'-PeCB	PCB-100	39485-83-1	0.0006	0.0006	UJ	0.0006
2,2',3,5,6'-PeCB	PCB-094	73575-55-0	0.0007	0.0007	UJ	0.0007
	PCB-093/098/102		0.0006	0.0006	UJ	0.0006
2,2',3,5',6'-PeCB	PCB-095	38379-99-6	0.0067	0.0005	J	0.0005
2,2',3,4,6'-PeCB	PCB-088	55215-17-3	0.0006	0.0006	UJ	0.0006
	PCB-091/121		0.0005	0.0005	UJ	0.0005
2,2',3,3',6'-PeCB	PCB-084	52663-60-2	0.0007	0.0007	UJ	0.0007
2,2',3,5,5'-PeCB	PCB-092	52663-61-3	0.0007	0.0007	UJ	0.0007
2,2',3,4,6'-PeCB	PCB-089	73575-57-2	0.0007	0.0007	UJ	0.0007
2,2',3,4',5'-PeCB	PCB-090	68194-07-0	0.0007	0.0007	UJ	0.0007
2,2',4,5,5'-PeCB	PCB-101	37680-73-2	0.005	0.0005	NJ	0.0005
2,3,3',5',6'-PeCB	PCB-113	68194-10-5	0.0005	0.0005	UJ	0.0005
2,2',4,4',5'-PeCB	PCB-099	38380-01-7	0.0011	0.0006	NJ	0.0006
	PCB-112/119		0.0005	0.0005	UJ	0.0005
	PCB-083/109		0.0006	0.0006	UJ	0.0006
	PCB-086/117		0.0007	0.0007	UJ	0.0007
	PCB-097/116		0.0006	0.0006	UJ	0.0006
2,3',4',5',6'-PeCB	PCB-125	74472-39-2	0.0005	0.0005	UJ	0.0005
	PCB-087/115		0.0033	0.0006	J	0.0006
2,3,3',5,5'-PeCB	PCB-111	39635-32-0	0.0005	0.0005	UJ	0.0005
2,2',3,4,4'-PeCB	PCB-085	65510-45-4	0.0006	0.0006	UJ	0.0006
2,3',4,5,5'-PeCB	PCB-120	68194-12-7	0.0005	0.0005	UJ	0.0005
2,3,3',4',6'-PeCB	PCB-110	38380-03-9	0.0005	0.0005	UJ	0.0005
2,2',3,3',4'-PeCB	PCB-082	52663-62-4	0.0008	0.0008	UJ	0.0008
2,3',4',5,5'-PeCB	PCB-124	70424-70-3	0.0002	0.0002	UJ	0.0002
	PCB-107/108		0.0003	0.0003	UJ	0.0003
2,3',4,4',5'-PeCB	PCB-123	65510-44-3	0.0003	0.0003	UJ	0.0003
2,3,3',4,5'-PeCB	PCB-106	70424-69-0	0.0003	0.0003	UJ	0.0003
2,3',4,4',5'-PeCB	PCB-118	31508-00-6	0.002	0.0003	NJ	0.0003
2,3,4,4',5'-PeCB	PCB-114	74472-37-0	0.0003	0.0003	UJ	0.0003



# DATA REPORT

Client:	City of Spokane	Contact: Jeffery Donovan
Client ID:	PCB Product Sample (027-101014-0950)	Date Extracted: 12/3/2014
Field ID:	#14-15220 (Liquid)	Date Analysed: 12/14/2014
PRL ID:	PR142934D	HRMS File: FS12141404

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3,3',4',5'-PeCB	PCB-122	76842-07-4	0.0003	0.0003	UJ	0.0003
	PCB-105/127		0.0019	0.0003	J	0.0003
3,3',4,4',5'-PeCB	PCB-126	57465-28-8	0.003	0.0004	NJ	0.0004
2,2',4,4',6,6'-HxCB	PCB-155	33979-03-2	0.0003	0.0003	UJ	0.0003
2,2',3,4',6,6'-HxCB	PCB-150	68194-08-1	0.0003	0.0003	UJ	0.0003
2,2',3,5,6,6'-HxCB	PCB-152	68194-09-2	0.0002	0.0002	UJ	0.0002
2,2',3,4,6,6'-HxCB	PCB-145	74472-40-5	0.0003	0.0003	UJ	0.0003
	PCB-136/148		0.0003	0.0003	UJ	0.0003
2,2',4,4',5,6'-HxCB	PCB-154	60145-22-4	0.0003	0.0003	UJ	0.0003
2,2',3,5,5',6'-HxCB	PCB-151	52663-63-5	0.0003	0.0003	UJ	0.0003
2,2',3,3',5,6'-HxCB	PCB-135	52744-13-5	0.0004	0.0004	UJ	0.0004
2,2',3,4,5',6'-HxCB	PCB-144	68194-14-9	0.0004	0.0004	UJ	0.0004
2,2',3,4',5,6'-HxCB	PCB-147	68194-13-8	0.0003	0.0003	UJ	0.0003
	PCB-139/149		0.0004	0.0004	UJ	0.0004
2,2',3,4,4',6'-HxCB	PCB-140	59291-64-4	0.0001	0.0001	UJ	0.0001
2,2',3,4,5,6'-HxCB	PCB-143	68194-15-0	0.0002	0.0002	UJ	0.0002
2,2',3,3',5,6'-HxCB	PCB-134	52704-70-8	0.0002	0.0002	UJ	0.0002
2,2',3,4,5,6'-HxCB	PCB-142	41411-61-4	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,6'-HxCB	PCB-131	61798-70-7	0.0002	0.0002	UJ	0.0002
2,2',3,3',5,5'-HxCB	PCB-133	35694-04-3	0.0001	0.0001	UJ	0.0001
2,3,3',5,5',6'-HxCB	PCB-165	74472-46-1	0.0001	0.0001	UJ	0.0001
2,2',3,4',5,5'-HxCB	PCB-146	51908-16-8	0.0004	0.0001	NJ	0.0001
	PCB-132/161		0.0006	0.0001	NJ	0.0001
2,2',4,4',5,5'-HxCB	PCB-153	35065-27-1	0.004	0.0001	J	0.0001
2,3',4,4',5',6'-HxCB	PCB-168	59291-65-5	0.0005	0.0001	NJ	0.0001
2,2',3,4,5,5'-HxCB	PCB-141	52712-04-6	0.0002	0.0002	UJ	0.0002
2,2',3,4,4',5'-HxCB	PCB-137	35694-06-5	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,5'-HxCB	PCB-130	52663-66-8	0.0002	0.0002	UJ	0.0002
	PCB-163/164		0.0005	0.0001	NJ	0.0001
	PCB-138/160		0.0025	0.0001	NJ	0.0001
2,3,3',4,4',6'-HxCB	PCB-158	74472-42-7	0.0001	0.0001	UJ	0.0001
2,2',3,3',4,5'-HxCB	PCB-129	55215-18-4	0.0002	0.0002	UJ	0.0002
2,3,4,4',5,6'-HxCB	PCB-166	41411-63-6	0.0001	0.0001	UJ	0.0001
2,3,3',4,5,5'-HxCB	PCB-159	39635-35-3	0.0001	0.0001	NJ	0.0001
	PCB-128/162		0.0001	0.0001	UJ	0.0001
2,3',4,4',5,5'-HxCB	PCB-167	52663-72-6	0.0001	0.0001	UJ	0.0001
2,3,3',4,4',5'-HxCB	PCB-156	38380-08-4	0.0001	0.0001	UJ	0.0001
2,3,3',4,4',5'-HxCB	PCB-157	69782-90-7	0.0006	0.0001	NJ	0.0001
3,3',4,4',5,5'-HxCB	PCB-169	32774-16-6	0.0002	0.0002	UJ	0.0002
2,2',3,4',5,6,6'-HpCB	PCB-188	74487-85-7	0.0002	0.0002	UJ	0.0002
2,2',3,4,4',6,6'-HpCB	PCB-184	74472-48-3	0.0002	0.0002	UJ	0.0002
2,2',3,3',5,6,6'-HpCB	PCB-179	52663-64-6	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,6,6'-HpCB	PCB-176	52663-65-7	0.0002	0.0002	UJ	0.0002
2,2',3,4,5,6,6'-HpCB	PCB-186	74472-49-4	0.0002	0.0002	UJ	0.0002
2,2',3,3',5,5',6'-HpCB	PCB-178	52663-67-9	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,5',6'-HpCB	PCB-175	40186-70-7	0.0006	0.0002	NJ	0.0002
	PCB-182/187		0.0005	0.0002	NJ	0.0002
2,2',3,4,4',5',6'-HpCB	PCB-183	52663-69-1	0.0002	0.0002	UJ	0.0002
2,2',3,4,5,5',6'-HpCB	PCB-185	52712-05-7	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,5,6'-HpCB	PCB-174	38411-25-5	0.0016	0.0003	NJ	0.0003
2,2',3,4,4',5,6'-HpCB	PCB-181	74472-47-2	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,5',6'-HpCB	PCB-177	52663-70-4	0.0004	0.0002	NJ	0.0002



# DATA REPORT

Client:	City of Spokane	Contact: Jeffery Donovan
Client ID:	PCB Product Sample (027-101014-0950)	Date Extracted: 12/3/2014
Field ID:	#14-15220 (Liquid)	Date Analysed: 12/14/2014
PRL ID:	PR142934D	HRMS File: FS12141404

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,2',3,3',4,4',6-HpCB	PCB-171	52663-71-5	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,5,6-HpCB	PCB-173	68194-16-1	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,5,5'-HpCB	PCB-172	52663-74-8	0.0003	0.0003	UJ	0.0003
2,3,3',4,5,5',6-HpCB	PCB-192	74472-51-8	0.0002	0.0002	UJ	0.0002
2,2',3,4,4',5,5'-HpCB	PCB-180	35065-29-3	0.003	0.0003	J	0.0003
2,3,3',4',5,5',6-HpCB	PCB-193	69782-91-8	0.0002	0.0002	UJ	0.0002
2,3,3',4,4',5',6-HpCB	PCB-191	74472-50-7	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,4',5-HpCB	PCB-170	35065-30-6	0.0003	0.0003	UJ	0.0003
2,3,3',4,4',5,6-HpCB	PCB-190	41411-64-7	0.0002	0.0002	UJ	0.0002
2,3,3',4,4',5,5'-HpCB	PCB-189	39635-31-9	0.0002	0.0002	UJ	0.0002
2,2',3,3',5,5',6,6'-OxCB	PCB-202	2136-99-4	0.0003	0.0001	NJ	0.0001
2,2',3,3',4,5',6,6'-OxCB	PCB-201	40186-71-8	0.0001	0.0001	UJ	0.0001
2,2',3,4,4',5,6,6'-OxCB	PCB-204	74472-52-9	0.0001	0.0001	UJ	0.0001
2,2',3,3',4,4',6,6'-OxCB	PCB-197	33091-17-7	0.0001	0.0001	UJ	0.0001
2,2',3,3',4,5,6,6'-OxCB	PCB-200	52663-73-7	0.0001	0.0001	UJ	0.0001
2,2',3,3',4,5,5',6-OxCB	PCB-198	68194-17-2	0.0001	0.0001	UJ	0.0001
2,2',3,3',4,5,5',6'-OxCB	PCB-199	52663-75-9	0.0001	0.0001	UJ	0.0001
2,2',3,3',4,4',5,6'-OxCB	PCB-196	42740-50-1	0.0001	0.0001	UJ	0.0001
2,2',3,4,4',5,5',6-OxCB	PCB-203	52663-76-0	0.0002	0.0001	NJ	0.0001
2,2',3,3',4,4',5,6-OxCB	PCB-195	52663-78-2	0.0002	0.0001	NJ	0.0001
2,2',3,3',4,4',5,5'-OxCB	PCB-194	35694-08-7	0.0009	0.0001	NJ	0.0001
2,3,3',4,4',5,5',6-OxCB	PCB-205	74472-53-0	0.0001	0.0001	UJ	0.0001
2,2',3,3',4,5,5',6,6'-NoCB	PCB-208	52663-77-1	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,4',5,6,6'-NoCB	PCB-207	52663-79-3	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,4',5,5',6-NoCB	PCB-206	40186-72-9	0.0017	0.0003	NJ	0.0003
2,2',3,3',4,4',5,5',6,6'-DeCB	PCB-209	2051-24-3	0.0019	0	NJ	0

Homologs	# of Congeners			
Monochlorobiphenyls	3	0.0218	0.0008	
Dichlorobiphenyls	12	0.248	0.0007	
Trichlorobiphenyls	24	0.117	0.0005	B
Tetrachlorobiphenyls	42	0.071	0.0003	
Pentachlorobiphenyls	46	0.0119	0.0002	BJ
Hexachlorobiphenyls	42	0.004	0.0001	J
Heptachlorobiphenyls	24	0.003	0.0002	J
Octachlorobiphenyls	12	0.0001	0.0001	UJ
Nonachlorobiphenyls	3	0.0003	0.0003	UJ
Decachlorobiphenyl	1	0	0	J
<b>Total PCB</b>		<b>0.477</b>	<b>0</b>	



# DATA REPORT

Client:	City of Spokane	Contact: Jeffery Donovan
Client ID:	PCB Product Sample (027-101014-0950)	Date Extracted: 12/3/2014
Field ID:	#14-15220 (Liquid)	Date Analysed: 12/14/2014
PRL ID:	PR142934D	HRMS File: FS12141404

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
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Surrogate Recoveries			Acceptance	
Chemical Name	IUPAC #	%	Min	Max
<sup>13</sup> C <sub>12</sub> -2-MoCB	1L	24	5	145
<sup>13</sup> C <sub>12</sub> -4-MoCB	3L	19	5	145
<sup>13</sup> C <sub>12</sub> -2,2'-DiCB	4L	40	5	145
<sup>13</sup> C <sub>12</sub> -4,4'-DiCB	15L	70	5	145
<sup>13</sup> C <sub>12</sub> -2,2',6'-TrCB	19L	43	5	145
<sup>13</sup> C <sub>12</sub> -3,4,4'-TrCB	37L	102	5	145
<sup>13</sup> C <sub>12</sub> -2,2',6,6'-TeCB	54L	53	5	145
<sup>13</sup> C <sub>12</sub> -3,4,4',5'-TeCB	81L	106	5	145
<sup>13</sup> C <sub>12</sub> -3,3',4,4'-TeCB	77L	120	10	145
<sup>13</sup> C <sub>12</sub> -2,2',4,6,6'-PeCB	104L	48	10	145
<sup>13</sup> C <sub>12</sub> -2',3,4,4',5'-PeCB	123L	77	10	145
<sup>13</sup> C <sub>12</sub> -2,3',4,4',5'-PeCB	118L	73	10	145
<sup>13</sup> C <sub>12</sub> -2,3,4,4',5'-PeCB	114L	72	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4'-PeCB	105L	79	10	145
<sup>13</sup> C <sub>12</sub> -3,3',4,4',5'-PeCB	126L	67	10	145
<sup>13</sup> C <sub>12</sub> -2,2',4,4',6,6'-HxCB	155L	65	10	145
<sup>13</sup> C <sub>12</sub> -2,3',4,4',5,5'-HxCB	167L	81	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5'-HxCB	156L	72	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5'-HxCB	157L	70	10	145
<sup>13</sup> C <sub>12</sub> -3,3',4,4',5,5'-HxCB	169L	73	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,4',5,6,6'-HpCB	188L	70	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5,5'-HpCB	189L	87	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',5,5',6,6'-OeCB	202L	83	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5,5',6-OeCB	205L	77	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',4',5,5',6,6'-NoCB	208L	84	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',4,4',5,5',6-NoCB	206L	76	10	145
<sup>13</sup> C <sub>12</sub> -DeCB	209L	71	10	145
<sup>13</sup> C <sub>12</sub> -2,4,4'-TrCB	28L	91	5	145
<sup>13</sup> C <sub>12</sub> -2,3,3',5,5'-PeCB	111L	83	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',5,5',6-HpCB	178L	75	10	145



# DATA REPORT

Client:	City of Spokane	Contact: Jeffery Donovan
Client ID:	PCB Product Sample (023-101014-1035)	Date Extracted: 12/3/2014
Field ID:	#14-15221 (Liquid)	Date Analysed: 12/14/2014
PRL ID:	PR142935	HRMS File: FS12141405

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2-MoCB	PCB-001	2051-60-7	0.0129	0.0008	J	0.0008
3-MoCB	PCB-002	2051-61-8	0.0264	0.0018		0.0018
4-MoCB	PCB-003	2051-62-9	0.0022	0.0022	UJ	0.0022
2,6-DiCB	PCB-010	33146-45-1	0.0033	0.0033	UJ	0.0033
2,2'-DiCB	PCB-004	13029-08-8	0.0236	0.003		0.003
2,5-DiCB	PCB-009	34883-39-1	0.0055	0.004	NJ	0.004
2,4-DiCB	PCB-007	33284-50-3	0.0022	0.0022	UJ	0.0022
2,3'-DiCB	PCB-006	25569-80-6	0.0057	0.0035	NJ	0.0035
2,3/2,4'-DiCB	PCB-005/008		0.0447	0.003		0.003
3,5-DiCB	PCB-014	34883-41-5	0.0036	0.0036	UJ	0.0036
3,3'-DiCB	PCB-011	2050-67-1	0.208	0.0039		0.0039
3,4/3,4'-DiCB	PCB-012/013		0.0035	0.0035	UJ	0.0035
4,4'-DiCB	PCB-015	2050-68-2	0.0089	0.0089	UJ	0.0089
2,2',6-TrCB	PCB-019	38444-73-4	0.0096	0.0021	J	0.0021
2,4,6-TrCB	PCB-030	35693-92-6	0.0025	0.0025	UJ	0.0025
2,2',5-TrCB	PCB-018	37680-65-2	0.0808	0.0034		0.0034
2,2',4-TrCB	PCB-017	37680-66-3	0.0299	0.0033		0.0033
2,3,6-TrCB	PCB-024	55702-45-9	0.0029	0.0029	UJ	0.0029
2,3',6-TrCB	PCB-027	38444-76-7	0.0023	0.0019	NJ	0.0019
2,4',6-TrCB	PCB-032	38444-77-8	0.0128	0.0025	BJ	0.0025
2,2',3-TrCB	PCB-016	38444-78-9	0.026	0.0038		0.0038
2,3,5-TrCB	PCB-023	55720-44-0	0.0021	0.0021	UJ	0.0021
2,3',5-TrCB	PCB-034	37680-68-5	0.0019	0.0019	UJ	0.0019
2,4,5-TrCB	PCB-029	15862-07-4	0.0012	0.0012	UJ	0.0012
2,3',5-TrCB	PCB-026	38444-81-4	0.0053	0.0018	NJ	0.0018
2,3',4-TrCB	PCB-025	55712-37-3	0.0032	0.0019	NJ	0.0019
2,4',5-TrCB	PCB-031	16606-02-3	0.0281	0.0014		0.0014
2,4,4'-TrCB	PCB-028	7012-37-5	0.045	0.002	B	0.002
2,3,4-TrCB	PCB-021	55702-46-0	0.0028	0.0028	UJ	0.0028
	PCB-020/033		0.036	0.0019		0.0019
2,3,4'-TrCB	PCB-022	38444-85-8	0.0171	0.0023	J	0.0023
3,3',5-TrCB	PCB-036	38444-87-0	0.0015	0.0015	UJ	0.0015
3,4',5-TrCB	PCB-039	38444-88-1	0.0018	0.0018	UJ	0.0018
3,4,5-TrCB	PCB-038	53555-66-1	0.0022	0.0022	UJ	0.0022
3,3',4-TrCB	PCB-035	37680-69-6	0.002	0.002	UJ	0.002
3,4,4'-TrCB	PCB-037	38444-90-5	0.0064	0.0064	UJ	0.0064
2,2',6,6'-TeCB	PCB-054	15968-05-5	0.0025	0.0025	UJ	0.0025
2,2',4,6'-TeCB	PCB-050	62796-65-0	1.96	0.0046		0.0046
2,2',5,6'-TeCB	PCB-053	41464-41-9	0.858	0.0049		0.0049
2,2',4,6'-TeCB	PCB-051	68194-04-7	0.0981	0.0047		0.0047
2,2',3,6'-TeCB	PCB-045	70362-45-7	0.0049	0.0049	UJ	0.0049
2,2',3,6'-TeCB	PCB-046	41464-47-5	0.0143	0.0059	NJ	0.0059
	PCB-052/069		0.0257	0.0045		0.0045
2,3',5',6'-TeCB	PCB-073	74338-23-1	0.0033	0.0033	UJ	0.0033
	PCB-043/049		0.0176	0.0049	J	0.0049
	PCB-065/075		0.0045	0.0045	UJ	0.0045
	PCB-047/048		0.0042	0.0042	UJ	0.0042
2,3,4,6-TeCB	PCB-062	54230-22-7	0.003	0.003	UJ	0.003
2,2',3,5'-TeCB	PCB-044	41464-39-5	0.362	0.0073	N	0.0073
2,3,3',6'-TeCB	PCB-059	74472-33-6	0.0762	0.0038	N	0.0038
2,2',3,4'-TeCB	PCB-042	36559-22-5	0.0051	0.0051	UJ	0.0051
	PCB-064/072		0.0043	0.0043	UJ	0.0043



# DATA REPORT

Client:	City of Spokane	Contact: Jeffery Donovan
Client ID:	PCB Product Sample (023-101014-1035)	Date Extracted: 12/3/2014
Field ID:	#14-15221 (Liquid)	Date Analysed: 12/14/2014
PRL ID:	PR142935	HRMS File: FS12141405

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3',4',6-TeCB	PCB-071	41464-46-4	0.0144	0.0032	J	0.0032
2,2',3,4-TeCB	PCB-041	52663-59-9	0.0063	0.0047	NJ	0.0047
2,3',4,5'-TeCB	PCB-068	73575-52-7	0.0038	0.0038	UJ	0.0038
	PCB-040/057		0.0292	0.0047		0.0047
2,3',4,5-TeCB	PCB-067	73575-53-8	0.0175	0.0045	J	0.0045
2,3,4',5-TeCB	PCB-063	74472-34-7	0.0049	0.0049	UJ	0.0049
2,3,3',5'-TeCB	PCB-058	41464-49-7	0.0027	0.0027	UJ	0.0027
2,3,4,5-TeCB	PCB-061	33284-53-6	0.0043	0.0043	UJ	0.0043
2,4,4',5-TeCB	PCB-074	32690-93-0	0.004	0.004	UJ	0.004
2,3',4',5-TeCB	PCB-070	32598-11-1	0.0062	0.0062	UJ	0.0062
	PCB-055/080		0.0039	0.0039	UJ	0.0039
2,3',4,4'-TeCB	PCB-066	32598-10-0	1.23	0.003	N	0.003
2,3',4',5'-TeCB	PCB-076	70362-48-0	0.0044	0.0044	UJ	0.0044
2,3,4,4'-TeCB	PCB-060	33025-41-1	0.0068	0.0068	UJ	0.0068
2,3,3',4'-TeCB	PCB-056	41464-43-1	0.0031	0.0031	UJ	0.0031
3,3',4,5'-TeCB	PCB-079	41464-48-6	0.0051	0.0051	UJ	0.0051
3,3',4,5-TeCB	PCB-078	70362-49-1	0.0042	0.0042	UJ	0.0042
3,4,4',5-TeCB	PCB-081	70362-50-4	0.0073	0.0073	UJ	0.0073
3,3',4,4'-TeCB	PCB-077	32598-13-3	0.0083	0.0083	UJ	0.0083
2,2',4,6,6'-PeCB	PCB-104	56558-16-8	0.0008	0.0008	UJ	0.0008
2,2',3,6,6'-PeCB	PCB-096	73575-54-9	0.0008	0.0008	UJ	0.0008
2,2',4,5',6-PeCB	PCB-103	60145-21-3	0.0009	0.0009	UJ	0.0009
2,2',4,4',6-PeCB	PCB-100	39485-83-1	0.001	0.001	UJ	0.001
2,2',3,5,6'-PeCB	PCB-094	73575-55-0	0.0012	0.0012	UJ	0.0012
	PCB-093/098/102		0.0011	0.0011	UJ	0.0011
2,2',3,5',6-PeCB	PCB-095	38379-99-6	0.0049	0.0009	J	0.0009
2,2',3,4,6-PeCB	PCB-088	55215-17-3	0.0011	0.0011	UJ	0.0011
	PCB-091/121		0.0009	0.0009	UJ	0.0009
2,2',3,3',6-PeCB	PCB-084	52663-60-2	0.0012	0.0012	UJ	0.0012
2,2',3,5,5'-PeCB	PCB-092	52663-61-3	0.0012	0.0012	UJ	0.0012
2,2',3,4,6'-PeCB	PCB-089	73575-57-2	0.0012	0.0012	UJ	0.0012
2,2',3,4',5-PeCB	PCB-090	68194-07-0	0.0013	0.0013	UJ	0.0013
2,2',4,5,5'-PeCB	PCB-101	37680-73-2	0.0032	0.0009	NJ	0.0009
2,3,3',5',6-PeCB	PCB-113	68194-10-5	0.0009	0.0009	UJ	0.0009
2,2',4,4',5-PeCB	PCB-099	38380-01-7	0.001	0.001	UJ	0.001
	PCB-112/119		0.0008	0.0008	UJ	0.0008
	PCB-083/109		0.0011	0.0011	UJ	0.0011
	PCB-086/117		0.0013	0.0013	UJ	0.0013
	PCB-097/116		0.001	0.001	UJ	0.001
2,3',4',5',6-PeCB	PCB-125	74472-39-2	0.0008	0.0008	UJ	0.0008
	PCB-087/115		0.001	0.001	UJ	0.001
2,3,3',5,5'-PeCB	PCB-111	39635-32-0	0.0008	0.0008	UJ	0.0008
2,2',3,4,4'-PeCB	PCB-085	65510-45-4	0.0011	0.0011	UJ	0.0011
2,3',4,5,5'-PeCB	PCB-120	68194-12-7	0.001	0.001	UJ	0.001
2,3,3',4',6-PeCB	PCB-110	38380-03-9	0.0008	0.0008	UJ	0.0008
2,2',3,3',4-PeCB	PCB-082	52663-62-4	0.0014	0.0014	UJ	0.0014
2,3',4',5,5'-PeCB	PCB-124	70424-70-3	0.0004	0.0004	UJ	0.0004
	PCB-107/108		0.0005	0.0005	UJ	0.0005
2,3',4,4',5'-PeCB	PCB-123	65510-44-3	0.0007	0.0005	NJ	0.0005
2,3,3',4,5-PeCB	PCB-106	70424-69-0	0.0005	0.0005	UJ	0.0005
2,3',4,4',5-PeCB	PCB-118	31508-00-6	0.0006	0.0006	UJ	0.0006
2,3,4,4',5-PeCB	PCB-114	74472-37-0	0.0005	0.0005	UJ	0.0005



# DATA REPORT

Client:	<u>City of Spokane</u>	Contact: <u>Jeffery Donovan</u>
Client ID:	<u>PCB Product Sample (023-101014-1035)</u>	Date Extracted: <u>12/3/2014</u>
Field ID:	<u>#14-15221 (Liquid)</u>	Date Analysed: <u>12/14/2014</u>
PRL ID:	<u>PR142935</u>	HRMS File: <u>FS12141405</u>

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3,3',4',5'-PeCB	PCB-122	76842-07-4	0.0005	0.0005	UJ	0.0005
	PCB-105/127		0.0006	0.0006	UJ	0.0006
3,3',4,4',5'-PeCB	PCB-126	57465-28-8	0.0008	0.0008	UJ	0.0008
2,2',4,4',6,6'-HxCB	PCB-155	33979-03-2	0.0004	0.0004	UJ	0.0004
2,2',3,4',6,6'-HxCB	PCB-150	68194-08-1	0.0004	0.0004	UJ	0.0004
2,2',3,5,6,6'-HxCB	PCB-152	68194-09-2	0.0003	0.0003	UJ	0.0003
2,2',3,4,6,6'-HxCB	PCB-145	74472-40-5	0.0003	0.0003	UJ	0.0003
	PCB-136/148		0.0004	0.0004	UJ	0.0004
2,2',4,4',5,6'-HxCB	PCB-154	60145-22-4	0.0004	0.0004	UJ	0.0004
2,2',3,5,5',6'-HxCB	PCB-151	52663-63-5	0.0005	0.0005	UJ	0.0005
2,2',3,3',5,6'-HxCB	PCB-135	52744-13-5	0.0005	0.0005	UJ	0.0005
2,2',3,4,5',6'-HxCB	PCB-144	68194-14-9	0.0005	0.0005	UJ	0.0005
2,2',3,4',5,6'-HxCB	PCB-147	68194-13-8	0.0004	0.0004	UJ	0.0004
	PCB-139/149		0.0029	0.0005	NJ	0.0005
2,2',3,4,4',6'-HxCB	PCB-140	59291-64-4	0.0002	0.0002	UJ	0.0002
2,2',3,4,5,6'-HxCB	PCB-143	68194-15-0	0.0002	0.0002	UJ	0.0002
2,2',3,3',5,6'-HxCB	PCB-134	52704-70-8	0.0002	0.0002	UJ	0.0002
2,2',3,4,5,6'-HxCB	PCB-142	41411-61-4	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,6'-HxCB	PCB-131	61798-70-7	0.0003	0.0003	UJ	0.0003
2,2',3,3',5,5'-HxCB	PCB-133	35694-04-3	0.0002	0.0002	UJ	0.0002
2,3,3',5,5',6'-HxCB	PCB-165	74472-46-1	0.0002	0.0002	UJ	0.0002
2,2',3,4',5,5'-HxCB	PCB-146	51908-16-8	0.0002	0.0002	UJ	0.0002
	PCB-132/161		0.0017	0.0002	J	0.0002
2,2',4,4',5,5'-HxCB	PCB-153	35065-27-1	0.0033	0.0002	J	0.0002
2,3',4,4',5',6'-HxCB	PCB-168	59291-65-5	0.0007	0.0001	NJ	0.0001
2,2',3,4,5,5'-HxCB	PCB-141	52712-04-6	0.0002	0.0002	UJ	0.0002
2,2',3,4,4',5'-HxCB	PCB-137	35694-06-5	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,5'-HxCB	PCB-130	52663-66-8	0.0002	0.0002	UJ	0.0002
	PCB-163/164		0.0011	0.0002	NJ	0.0002
	PCB-138/160		0.0016	0.0002	NJ	0.0002
2,3,3',4,4',6'-HxCB	PCB-158	74472-42-7	0.0001	0.0001	UJ	0.0001
2,2',3,3',4,5'-HxCB	PCB-129	55215-18-4	0.0002	0.0002	UJ	0.0002
2,3,4,4',5,6'-HxCB	PCB-166	41411-63-6	0.0002	0.0002	UJ	0.0002
2,3,3',4,5,5'-HxCB	PCB-159	39635-35-3	0.0001	0.0001	UJ	0.0001
	PCB-128/162		0.0002	0.0002	UJ	0.0002
2,3',4,4',5,5'-HxCB	PCB-167	52663-72-6	0.0002	0.0002	UJ	0.0002
2,3,3',4,4',5'-HxCB	PCB-156	38380-08-4	0.0003	0.0002	J	0.0002
2,3,3',4,4',5'-HxCB	PCB-157	69782-90-7	0.0002	0.0002	UJ	0.0002
3,3',4,4',5,5'-HxCB	PCB-169	32774-16-6	0.0003	0.0003	UJ	0.0003
2,2',3,4',5,6,6'-HpCB	PCB-188	74487-85-7	0.0025	0.0025	UJ	0.0025
2,2',3,4,4',6,6'-HpCB	PCB-184	74472-48-3	0.0019	0.0019	UJ	0.0019
2,2',3,3',5,6,6'-HpCB	PCB-179	52663-64-6	0.0549	0.0018	N	0.0018
2,2',3,3',4,6,6'-HpCB	PCB-176	52663-65-7	0.0044	0.0019	NJ	0.0019
2,2',3,4,5,6,6'-HpCB	PCB-186	74472-49-4	0.283	0.0021	N	0.0021
2,2',3,3',5,5',6'-HpCB	PCB-178	52663-67-9	0.0027	0.0027	UJ	0.0027
2,2',3,3',4,5',6'-HpCB	PCB-175	40186-70-7	0.0026	0.0026	UJ	0.0026
	PCB-182/187		0.0747	0.0025	N	0.0025
2,2',3,4,4',5',6'-HpCB	PCB-183	52663-69-1	0.0025	0.0025	UJ	0.0025
2,2',3,4,5,5',6'-HpCB	PCB-185	52712-05-7	0.0856	0.0029	N	0.0029
2,2',3,3',4,5,6'-HpCB	PCB-174	38411-25-5	1.5	0.0029	N	0.0029
2,2',3,4,4',5,6'-HpCB	PCB-181	74472-47-2	0.0029	0.0029	UJ	0.0029
2,2',3,3',4,5',6'-HpCB	PCB-177	52663-70-4	0.0027	0.0027	UJ	0.0027



# DATA REPORT

Client:	City of Spokane	Contact: Jeffery Donovan
Client ID:	PCB Product Sample (023-101014-1035)	Date Extracted: 12/3/2014
Field ID:	#14-15221 (Liquid)	Date Analysed: 12/14/2014
PRL ID:	PR142935	HRMS File: FS12141405

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,2',3,3',4,4',6-HpCB	PCB-171	52663-71-5	0.0027	0.0027	UJ	0.0027
2,2',3,3',4,5,6-HpCB	PCB-173	68194-16-1	0.441	0.0033	N	0.0033
2,2',3,3',4,5,5'-HpCB	PCB-172	52663-74-8	0.003	0.003	UJ	0.003
2,3,3',4,5,5',6-HpCB	PCB-192	74472-51-8	0.0024	0.0024	UJ	0.0024
2,2',3,4,4',5,5'-HpCB	PCB-180	35065-29-3	0.0036	0.0036	UJ	0.0036
2,3,3',4',5,5',6-HpCB	PCB-193	69782-91-8	0.0019	0.0019	UJ	0.0019
2,3,3',4,4',5,6-HpCB	PCB-191	74472-50-7	0.0022	0.0022	UJ	0.0022
2,2',3,3',4,4',5-HpCB	PCB-170	35065-30-6	0.0032	0.0032	UJ	0.0032
2,3,3',4,4',5,6-HpCB	PCB-190	41411-64-7	0.002	0.002	UJ	0.002
2,3,3',4,4',5,5'-HpCB	PCB-189	39635-31-9	0.0016	0.0016	UJ	0.0016
2,2',3,3',5,5',6,6'-OoCB	PCB-202	2136-99-4	0.0011	0.0011	UJ	0.0011
2,2',3,3',4,5',6,6'-OoCB	PCB-201	40186-71-8	0.0008	0.0008	UJ	0.0008
2,2',3,4,4',5,6,6'-OoCB	PCB-204	74472-52-9	0.0008	0.0008	UJ	0.0008
2,2',3,3',4,4',6,6'-OoCB	PCB-197	33091-17-7	0.0009	0.0009	UJ	0.0009
2,2',3,3',4,5,6,6'-OoCB	PCB-200	52663-73-7	0.0009	0.0009	UJ	0.0009
2,2',3,3',4,5,5',6-OoCB	PCB-198	68194-17-2	0.14	0.0014	N	0.0014
2,2',3,3',4,5,5',6'-OoCB	PCB-199	52663-75-9	0.0012	0.0012	UJ	0.0012
2,2',3,3',4,4',5,6'-OoCB	PCB-196	42740-50-1	0.0012	0.0012	UJ	0.0012
2,2',3,4,4',5,5',6-OoCB	PCB-203	52663-76-0	0.0011	0.0011	UJ	0.0011
2,2',3,3',4,4',5,6-OoCB	PCB-195	52663-78-2	0.647	0.0008	N	0.0008
2,2',3,3',4,4',5,5'-OoCB	PCB-194	35694-08-7	0.0007	0.0007	UJ	0.0007
2,3,3',4,4',5,5',6-OoCB	PCB-205	74472-53-0	0.0006	0.0006	UJ	0.0006
2,2',3,3',4,5,5',6,6'-NoCB	PCB-208	52663-77-1	0.0009	0.0009	UJ	0.0009
2,2',3,3',4,4',5,6,6'-NoCB	PCB-207	52663-79-3	0.0013	0.0008	NJ	0.0008
2,2',3,3',4,4',5,5',6-NoCB	PCB-206	40186-72-9	0.0028	0.0009	NJ	0.0009
2,2',3,3',4,4',5,5',6,6'-DeCB	PCB-209	2051-24-3	0.0005	0.0002	NJ	0.0002

Homologs	# of Congeners			
Monochlorobiphenyls	3	0.0393	0.0008	
Dichlorobiphenyls	12	0.276	0.0022	
Trichlorobiphenyls	24	0.285	0.0012	
Tetrachlorobiphenyls	42	3.02	0.0025	
Pentachlorobiphenyls	46	0.0049	0.0004	BJ
Hexachlorobiphenyls	42	0.0053	0.0001	J
Heptachlorobiphenyls	24	0.0016	0.0016	UJ
Octachlorobiphenyls	12	0.0006	0.0006	UJ
Nonachlorobiphenyls	3	0.0008	0.0008	UJ
Decachlorobiphenyl	1	0.0002	0.0002	UJ
<b>Total PCB</b>		<b>3.63</b>	<b>0.0001</b>	



# DATA REPORT

Client:	City of Spokane	Contact: Jeffery Donovan
Client ID:	PCB Product Sample (023-101014-1035)	Date Extracted: 12/3/2014
Field ID:	#14-15221 (Liquid)	Date Analysed: 12/14/2014
PRL ID:	PR142935	HRMS File: FS12141405

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
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Surrogate Recoveries			Acceptance	
Chemical Name	IUPAC #	%	Min	Max
<sup>13</sup> C <sub>12</sub> -2-MoCB	1L	20	5	145
<sup>13</sup> C <sub>12</sub> -4-MoCB	3L	23	5	145
<sup>13</sup> C <sub>12</sub> -2,2'-DiCB	4L	26	5	145
<sup>13</sup> C <sub>12</sub> -4,4'-DiCB	15L	23	5	145
<sup>13</sup> C <sub>12</sub> -2,2',6'-TrCB	19L	23	5	145
<sup>13</sup> C <sub>12</sub> -3,4,4'-TrCB	37L	45	5	145
<sup>13</sup> C <sub>12</sub> -2,2',6,6'-TeCB	54L	32	5	145
<sup>13</sup> C <sub>12</sub> -3,4,4',5'-TeCB	81L	58	5	145
<sup>13</sup> C <sub>12</sub> -3,3',4,4'-TeCB	77L	50	10	145
<sup>13</sup> C <sub>12</sub> -2,2',4,6,6'-PeCB	104L	27	10	145
<sup>13</sup> C <sub>12</sub> -2',3,4,4',5'-PeCB	123L	44	10	145
<sup>13</sup> C <sub>12</sub> -2,3',4,4',5'-PeCB	118L	43	10	145
<sup>13</sup> C <sub>12</sub> -2,3,4,4',5'-PeCB	114L	43	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4'-PeCB	105L	46	10	145
<sup>13</sup> C <sub>12</sub> -3,3',4,4',5'-PeCB	126L	50	10	145
<sup>13</sup> C <sub>12</sub> -2,2',4,4',6,6'-HxCB	155L	35	10	145
<sup>13</sup> C <sub>12</sub> -2,3',4,4',5,5'-HxCB	167L	51	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5'-HxCB	156L	50	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5'-HxCB	157L	51	10	145
<sup>13</sup> C <sub>12</sub> -3,3',4,4',5,5'-HxCB	169L	54	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,4',5,6,6'-HpCB	188L	42	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5,5'-HpCB	189L	59	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',5,5',6,6'-OeCB	202L	43	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5,5',6-OeCB	205L	54	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',4',5,5',6,6'-NoCB	208L	59	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',4,4',5,5',6-NoCB	206L	52	10	145
<sup>13</sup> C <sub>12</sub> -DeCB	209L	52	10	145
<sup>13</sup> C <sub>12</sub> -2,4,4'-TrCB	28L	41	5	145
<sup>13</sup> C <sub>12</sub> -2,3,3',5,5'-PeCB	111L	45	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',5,5',6-HpCB	178L	48	10	145



# QC REPORT - BLANK

Client: City of Spokane  
 Client ID: BLANK  
 Field ID: Liquids  
 PRL ID: PC140997B

Contact: Jeffery Donovan  
 Date Extracted: 12/3/2014  
 Date Analysed: 12/14/2014  
 HRMS File: FS12131413

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2-MoCB	PCB-001	2051-60-7	0.0039	0.0039	UJ	0.0039
3-MoCB	PCB-002	2051-61-8	0.0085	0.0085	UJ	0.0085
4-MoCB	PCB-003	2051-62-9	0.0099	0.0099	UJ	0.0099
2,6-DiCB	PCB-010	33146-45-1	0.0106	0.0106	UJ	0.0106
2,2'-DiCB	PCB-004	13029-08-8	0.0112	0.009	NJ	0.009
2,5-DiCB	PCB-009	34863-39-1	0.0224	0.013	N	0.013
2,4-DiCB	PCB-007	33284-50-3	0.0071	0.0071	UJ	0.0071
2,3'-DiCB	PCB-006	25569-80-6	0.0111	0.0111	UJ	0.0111
2,3/2,4'-DiCB	PCB-005/008		0.0198	0.0095	NJ	0.0095
3,5-DiCB	PCB-014	34883-41-5	0.0116	0.0116	UJ	0.0116
3,3'-DiCB	PCB-011	2050-67-1	0.0126	0.0126	UJ	0.0126
3,4/3,4'-DiCB	PCB-012/013		0.0112	0.0112	UJ	0.0112
4,4'-DiCB	PCB-015	2050-68-2	0.0365	0.0365	U	0.0365
2,2',6-TrCB	PCB-019	38444-73-4	0.0015	0.0015	UJ	0.0015
2,4,6-TrCB	PCB-030	35693-92-6	0.0021	0.0021	UJ	0.0021
2,2',5-TrCB	PCB-018	37680-65-2	0.0559	0.0024	N	0.0024
2,2',4-TrCB	PCB-017	37680-66-3	0.0044	0.0027	NJ	0.0027
2,3,6-TrCB	PCB-024	55702-45-9	0.0029	0.0024	UJ	0.0024
2,3',6-TrCB	PCB-027	38444-76-7	0.0014	0.0014	UJ	0.0014
2,4',6-TrCB	PCB-032	38444-77-8	0.0131	0.002	J	0.002
2,2',3-TrCB	PCB-016	38444-78-9	0.0074	0.0031	NJ	0.0031
2,3,5-TrCB	PCB-023	55720-44-0	0.0015	0.0015	UJ	0.0015
2,3',5'-TrCB	PCB-034	37680-68-5	0.0016	0.0016	UJ	0.0016
2,4,5-TrCB	PCB-029	15862-07-4	0.0009	0.0009	UJ	0.0009
2,3',5-TrCB	PCB-026	38444-81-4	0.0013	0.0013	UJ	0.0013
2,3',4-TrCB	PCB-025	55712-37-3	0.0013	0.0013	UJ	0.0013
2,4',5-TrCB	PCB-031	16606-02-3	0.005	0.001	NJ	0.001
2,4,4'-TrCB	PCB-028	7012-37-5	0.0263	0.0016		0.0016
2,3,4-TrCB	PCB-021	55702-46-0	0.0023	0.0023	UJ	0.0023
	PCB-020/033		0.0016	0.0016	UJ	0.0016
2,3,4'-TrCB	PCB-022	38444-85-8	0.0039	0.0019	NJ	0.0019
3,3',5-TrCB	PCB-036	38444-87-0	0.0013	0.0013	UJ	0.0013
3,4',5-TrCB	PCB-039	38444-88-1	0.0015	0.0015	UJ	0.0015
3,4,5-TrCB	PCB-038	53555-66-1	0.0018	0.0018	UJ	0.0018
3,3',4-TrCB	PCB-035	37680-69-6	0.0016	0.0016	UJ	0.0016
3,4,4'-TrCB	PCB-037	38444-90-5	0.0085	0.0085	UJ	0.0085
2,2',6,6'-TeCB	PCB-054	15968-05-5	0.0005	0.0005	UJ	0.0005
2,2',4,6'-TeCB	PCB-050	62796-65-0	0.0012	0.0012	UJ	0.0012
2,2',5,6'-TeCB	PCB-053	41464-41-9	0.0012	0.0012	UJ	0.0012
2,2',4,6'-TeCB	PCB-051	68194-04-7	0.0012	0.0012	UJ	0.0012
2,2',3,6'-TeCB	PCB-045	70362-45-7	0.0012	0.0012	UJ	0.0012
2,2',3,6'-TeCB	PCB-046	41464-47-5	0.0015	0.0015	UJ	0.0015
	PCB-052/069		0.0028	0.0011	NJ	0.0011
2,3',5',6'-TeCB	PCB-073	74338-23-1	0.0008	0.0008	UJ	0.0008
	PCB-043/049		0.0042	0.0012	NJ	0.0012
	PCB-065/075		0.0011	0.0011	UJ	0.0011
	PCB-047/048		0.0011	0.0011	UJ	0.0011
2,3,4,6'-TeCB	PCB-062	54230-22-7	0.0023	0.0008	NJ	0.0008
2,2',3,5'-TeCB	PCB-044	41464-39-5	0.0018	0.0018	UJ	0.0018
2,3,3',6'-TeCB	PCB-059	74472-33-6	0.0009	0.0009	UJ	0.0009
2,2',3,4'-TeCB	PCB-042	36559-22-5	0.0013	0.0013	UJ	0.0013
	PCB-064/072		0.0011	0.0011	UJ	0.0011



# QC REPORT - BLANK

Client:	City of Spokane	Contact: Jeffery Donovan
Client ID:	BLANK	Date Extracted: 12/3/2014
Field ID:	Liquids	Date Analysed: 12/14/2014
PRL ID:	PC140997B	HRMS File: FS12131413

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3',4',6-TeCB	PCB-071	41464-46-4	0.0008	0.0008	UJ	0.0008
2,2',3,4-TeCB	PCB-041	52663-59-9	0.0012	0.0012	UJ	0.0012
2,3',4,5'-TeCB	PCB-068	73575-52-7	0.0009	0.0009	UJ	0.0009
	PCB-040/057		0.0012	0.0012	UJ	0.0012
2,3',4,5-TeCB	PCB-067	73575-53-8	0.0011	0.0011	UJ	0.0011
2,3,4',5-TeCB	PCB-063	74472-34-7	0.0012	0.0012	UJ	0.0012
2,3,3',5'-TeCB	PCB-058	41464-49-7	0.0007	0.0007	UJ	0.0007
2,3,4,5-TeCB	PCB-061	33284-53-6	0.0011	0.0011	UJ	0.0011
2,4,4',5-TeCB	PCB-074	32690-93-0	0.001	0.001	UJ	0.001
2,3',4',5-TeCB	PCB-070	32598-11-1	0.0016	0.0016	UJ	0.0016
	PCB-055/080		0.001	0.001	UJ	0.001
2,3',4,4'-TeCB	PCB-066	32598-10-0	0.0007	0.0007	UJ	0.0007
2,3',4',5'-TeCB	PCB-076	70362-48-0	0.0011	0.0011	UJ	0.0011
2,3,4,4'-TeCB	PCB-060	33025-41-1	0.0017	0.0017	UJ	0.0017
2,3,3',4'-TeCB	PCB-056	41464-43-1	0.0008	0.0008	UJ	0.0008
3,3',4,5'-TeCB	PCB-079	41464-48-6	0.0013	0.0013	UJ	0.0013
3,3',4,5-TeCB	PCB-078	70362-49-1	0.0011	0.0011	UJ	0.0011
3,4,4',5-TeCB	PCB-081	70362-50-4	0.0028	0.0028	UJ	0.0028
3,3',4,4'-TeCB	PCB-077	32598-13-3	0.0035	0.0035	UJ	0.0035
2,2',4,6,6'-PeCB	PCB-104	56558-16-8	0.0014	0.0014	UJ	0.0014
2,2',3,6,6'-PeCB	PCB-096	73575-54-9	0.0022	0.0022	UJ	0.0022
2,2',4,5',6-PeCB	PCB-103	60145-21-3	0.0026	0.0026	UJ	0.0026
2,2',4,4',6-PeCB	PCB-100	39485-83-1	0.0029	0.0029	UJ	0.0029
2,2',3,5,6'-PeCB	PCB-094	73575-55-0	0.0034	0.0034	UJ	0.0034
	PCB-093/098/102		0.0032	0.0032	UJ	0.0032
2,2',3,5',6-PeCB	PCB-095	38379-99-6	0.0048	0.0024	UJ	0.0024
2,2',3,4,6-PeCB	PCB-088	55215-17-3	0.0031	0.0031	UJ	0.0031
	PCB-091/121		0.0026	0.0026	UJ	0.0026
2,2',3,3',6-PeCB	PCB-084	52663-60-2	0.0033	0.0033	UJ	0.0033
2,2',3,5,5'-PeCB	PCB-092	52663-61-3	0.0035	0.0035	UJ	0.0035
2,2',3,4,6'-PeCB	PCB-089	73575-57-2	0.0035	0.0035	UJ	0.0035
2,2',3,4',5-PeCB	PCB-090	68194-07-0	0.0038	0.0038	UJ	0.0038
2,2',4,5,5'-PeCB	PCB-101	37680-73-2	0.0089	0.0025	J	0.0025
2,3,3',5',6-PeCB	PCB-113	68194-10-5	0.0027	0.0027	UJ	0.0027
2,2',4,4',5-PeCB	PCB-099	38380-01-7	0.0029	0.0029	UJ	0.0029
	PCB-112/119		0.0024	0.0024	UJ	0.0024
	PCB-083/109		0.0031	0.0031	UJ	0.0031
	PCB-086/117		0.0036	0.0036	UJ	0.0036
	PCB-097/116		0.0029	0.0029	UJ	0.0029
2,3',4',5',6-PeCB	PCB-125	74472-39-2	0.0024	0.0024	UJ	0.0024
	PCB-087/115		0.003	0.003	UJ	0.003
2,3,3',5,5'-PeCB	PCB-111	39635-32-0	0.0023	0.0023	UJ	0.0023
2,2',3,4,4'-PeCB	PCB-085	65510-45-4	0.0032	0.0032	UJ	0.0032
2,3',4,5,5'-PeCB	PCB-120	68194-12-7	0.0028	0.0028	UJ	0.0028
2,3,3',4',6-PeCB	PCB-110	38380-03-9	0.0023	0.0023	UJ	0.0023
2,2',3,3',4-PeCB	PCB-082	52663-62-4	0.0039	0.0039	UJ	0.0039
2,3',4',5,5'-PeCB	PCB-124	70424-70-3	0.0011	0.0011	UJ	0.0011
	PCB-107/108		0.0015	0.0015	UJ	0.0015
2,3',4,4',5'-PeCB	PCB-123	65510-44-3	0.0017	0.0017	UJ	0.0017
2,3,3',4,5-PeCB	PCB-106	70424-69-0	0.0013	0.0013	UJ	0.0013
2,3',4,4',5-PeCB	PCB-118	31508-00-6	0.0018	0.0018	UJ	0.0018
2,3,4,4',5-PeCB	PCB-114	74472-37-0	0.0023	0.0018	NJ	0.0018



# QC REPORT - BLANK

Client: City of Spokane  
 Client ID: BLANK  
 Field ID: Liquids  
 PRL ID: PC140997B

Contact: Jeffery Donovan  
 Date Extracted: 12/3/2014  
 Date Analysed: 12/14/2014  
 HRMS File: FS12131413

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3,3',4',5'-PeCB	PCB-122	76842-07-4	0.0016	0.0016	UJ	0.0016
	PCB-105/127		0.0018	0.0018	UJ	0.0018
3,3',4,4',5'-PeCB	PCB-126	57465-28-8	0.003	0.003	UJ	0.003
2,2',4,4',6,6'-HxCB	PCB-155	33979-03-2	0.0008	0.0008	UJ	0.0008
2,2',3,4',6,6'-HxCB	PCB-150	68194-08-1	0.0012	0.0012	UJ	0.0012
2,2',3,5,6,6'-HxCB	PCB-152	68194-09-2	0.0011	0.0011	UJ	0.0011
2,2',3,4,6,6'-HxCB	PCB-145	74472-40-5	0.0011	0.0011	UJ	0.0011
	PCB-136/148		0.0012	0.0012	UJ	0.0012
2,2',4,4',5,6'-HxCB	PCB-154	60145-22-4	0.0013	0.0013	UJ	0.0013
2,2',3,5,5',6'-HxCB	PCB-151	52663-63-5	0.0015	0.0015	UJ	0.0015
2,2',3,3',5,6'-HxCB	PCB-135	52744-13-5	0.0017	0.0017	UJ	0.0017
2,2',3,4,5',6'-HxCB	PCB-144	68194-14-9	0.0016	0.0016	UJ	0.0016
2,2',3,4',5,6'-HxCB	PCB-147	68194-13-8	0.0014	0.0014	UJ	0.0014
	PCB-139/149		0.0016	0.0016	UJ	0.0016
2,2',3,4,4',6'-HxCB	PCB-140	59291-64-4	0.0005	0.0005	UJ	0.0005
2,2',3,4,5,6'-HxCB	PCB-143	68194-15-0	0.0007	0.0007	UJ	0.0007
2,2',3,3',5,6'-HxCB	PCB-134	52704-70-8	0.0008	0.0008	UJ	0.0008
2,2',3,4,5,6'-HxCB	PCB-142	41411-61-4	0.0007	0.0007	UJ	0.0007
2,2',3,3',4,6'-HxCB	PCB-131	61798-70-7	0.001	0.001	UJ	0.001
2,2',3,3',5,5'-HxCB	PCB-133	35694-04-3	0.0005	0.0005	UJ	0.0005
2,3,3',5,5',6'-HxCB	PCB-165	74472-46-1	0.0006	0.0006	UJ	0.0006
2,2',3,4',5,5'-HxCB	PCB-146	51908-16-8	0.0006	0.0006	UJ	0.0006
	PCB-132/161		0.0006	0.0006	UJ	0.0006
2,2',4,4',5,5'-HxCB	PCB-153	35065-27-1	0.0008	0.0007	NJ	0.0007
2,3',4,4',5',6'-HxCB	PCB-168	59291-65-5	0.0005	0.0005	UJ	0.0005
2,2',3,4,5,5'-HxCB	PCB-141	52712-04-6	0.0007	0.0007	UJ	0.0007
2,2',3,4,4',5'-HxCB	PCB-137	35694-06-5	0.0007	0.0007	UJ	0.0007
2,2',3,3',4,5'-HxCB	PCB-130	52663-66-8	0.0007	0.0007	UJ	0.0007
	PCB-163/164		0.0006	0.0006	UJ	0.0006
	PCB-138/160		0.0006	0.0006	UJ	0.0006
2,3,3',4,4',6'-HxCB	PCB-158	74472-42-7	0.0005	0.0005	UJ	0.0005
2,2',3,3',4,5'-HxCB	PCB-129	55215-18-4	0.0007	0.0007	UJ	0.0007
2,3,4,4',5,6'-HxCB	PCB-166	41411-63-6	0.0005	0.0005	UJ	0.0005
2,3,3',4,5,5'-HxCB	PCB-159	39635-35-3	0.0005	0.0005	UJ	0.0005
	PCB-128/162		0.0006	0.0006	UJ	0.0006
2,3',4,4',5,5'-HxCB	PCB-167	52663-72-6	0.0006	0.0006	UJ	0.0006
2,3,3',4,4',5'-HxCB	PCB-156	38380-08-4	0.0006	0.0006	UJ	0.0006
2,3,3',4,4',5'-HxCB	PCB-157	69782-90-7	0.0006	0.0006	UJ	0.0006
3,3',4,4',5,5'-HxCB	PCB-169	32774-16-6	0.0014	0.001	NJ	0.001
2,2',3,4',5,6,6'-HpCB	PCB-188	74487-85-7	0.0006	0.0006	UJ	0.0006
2,2',3,4,4',6,6'-HpCB	PCB-184	74472-48-3	0.0005	0.0005	UJ	0.0005
2,2',3,3',5,6,6'-HpCB	PCB-179	52663-64-6	0.0005	0.0005	UJ	0.0005
2,2',3,3',4,6,6'-HpCB	PCB-176	52663-65-7	0.0005	0.0005	UJ	0.0005
2,2',3,4,5,6,6'-HpCB	PCB-186	74472-49-4	0.0006	0.0006	UJ	0.0006
2,2',3,3',5,5',6'-HpCB	PCB-178	52663-67-9	0.0007	0.0007	UJ	0.0007
2,2',3,3',4,5',6'-HpCB	PCB-175	40186-70-7	0.0007	0.0007	UJ	0.0007
	PCB-182/187		0.0007	0.0007	UJ	0.0007
2,2',3,4,4',5',6'-HpCB	PCB-183	52663-69-1	0.0006	0.0006	UJ	0.0006
2,2',3,4,5,5',6'-HpCB	PCB-185	52712-05-7	0.0007	0.0007	UJ	0.0007
2,2',3,3',4,5,6'-HpCB	PCB-174	38411-25-5	0.0008	0.0008	UJ	0.0008
2,2',3,4,4',5,6'-HpCB	PCB-181	74472-47-2	0.0007	0.0007	UJ	0.0007
2,2',3,3',4,5',6'-HpCB	PCB-177	52663-70-4	0.0007	0.0007	UJ	0.0007



# QC REPORT - BLANK

Client:	City of Spokane	Contact: Jeffery Donovan
Client ID:	BLANK	Date Extracted: 12/3/2014
Field ID:	Liquids	Date Analysed: 12/14/2014
PRL ID:	PC140997B	HRMS File: FS12131413

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,2',3,3',4,4',6-HpCB	PCB-171	52663-71-5	0.0007	0.0007	UJ	0.0007
2,2',3,3',4,5,6-HpCB	PCB-173	68194-16-1	0.0008	0.0008	UJ	0.0008
2,2',3,3',4,5,5'-HpCB	PCB-172	52663-74-8	0.0008	0.0008	UJ	0.0008
2,3,3',4,5,5',6-HpCB	PCB-192	74472-51-8	0.0006	0.0006	UJ	0.0006
2,2',3,4,4',5,5'-HpCB	PCB-180	35065-29-3	0.0017	0.0009	NJ	0.0009
2,3,3',4',5,5',6-HpCB	PCB-193	69782-91-8	0.0005	0.0005	UJ	0.0005
2,3,3',4,4',5,6-HpCB	PCB-191	74472-50-7	0.0006	0.0006	UJ	0.0006
2,2',3,3',4,4',5-HpCB	PCB-170	35065-30-6	0.0008	0.0008	UJ	0.0008
2,3,3',4,4',5,6-HpCB	PCB-190	41411-64-7	0.0005	0.0005	UJ	0.0005
2,3,3',4,4',5,5'-HpCB	PCB-189	39635-31-9	0.0004	0.0004	UJ	0.0004
2,2',3,3',5,5',6,6'-OcCB	PCB-202	2136-99-4	0.0004	0.0004	UJ	0.0004
2,2',3,3',4,5',6,6'-OcCB	PCB-201	40186-71-8	0.0003	0.0003	UJ	0.0003
2,2',3,4,4',5,6,6'-OcCB	PCB-204	74472-52-9	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,4',6,6'-OcCB	PCB-197	33091-17-7	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,5,6,6'-OcCB	PCB-200	52663-73-7	0.0004	0.0004	UJ	0.0004
2,2',3,3',4,5,5',6-OcCB	PCB-198	68194-17-2	0.0006	0.0006	UJ	0.0006
2,2',3,3',4,5,5',6'-OcCB	PCB-199	52663-75-9	0.0005	0.0005	UJ	0.0005
2,2',3,3',4,4',5,6'-OcCB	PCB-196	42740-50-1	0.0005	0.0005	UJ	0.0005
2,2',3,4,4',5,5',6-OcCB	PCB-203	52663-76-0	0.0004	0.0004	UJ	0.0004
2,2',3,3',4,4',5,6-OcCB	PCB-195	52663-78-2	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,4',5,5'-OcCB	PCB-194	35694-08-7	0.0073	0.0003	NJ	0.0003
2,3,3',4,4',5,5',6-OcCB	PCB-205	74472-53-0	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,5,5',6,6'-NoCB	PCB-208	52663-77-1	0.0017	0.0017	UJ	0.0017
2,2',3,3',4,4',5,6,6'-NoCB	PCB-207	52663-79-3	0.0014	0.0014	UJ	0.0014
2,2',3,3',4,4',5,5',6-NoCB	PCB-206	40186-72-9	0.0041	0.0015	NJ	0.0015
2,2',3,3',4,4',5,5',6,6'-DeCB	PCB-209	2051-24-3	0.0014	0.0003	NJ	0.0003

Homologs	# of Congeners			
Monochlorobiphenyls	3	0.0039	0.0039	UJ
Dichlorobiphenyls	12	0.0071	0.0071	UJ
Trichlorobiphenyls	24	0.0394	0.0009	
Tetrachlorobiphenyls	42	0.0005	0.0005	UJ
Pentachlorobiphenyls	46	0.0089	0.0011	J
Hexachlorobiphenyls	42	0.0005	0.0005	UJ
Heptachlorobiphenyls	24	0.0004	0.0004	UJ
Octachlorobiphenyls	12	0.0002	0.0002	UJ
Nonachlorobiphenyls	3	0.0014	0.0014	UJ
Decachlorobiphenyl	1	0.0003	0.0003	UJ
<b>Total PCB</b>		<b>0.0483</b>	<b>0.0002</b>	



# QC REPORT - BLANK

Client:	City of Spokane	Contact: Jeffery Donovan
Client ID:	BLANK	Date Extracted: 12/3/2014
Field ID:	Liquids	Date Analysed: 12/14/2014
PRL ID:	PC140997B	HRMS File: FS12131413

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
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Surrogate Recoveries			Acceptance	
Chemical Name	IUPAC #	%	Min	Max
<sup>13</sup> C <sub>12</sub> -2-MoCB	1L	20	5	145
<sup>13</sup> C <sub>12</sub> -4-MoCB	3L	12	5	145
<sup>13</sup> C <sub>12</sub> -2,2'-DiCB	4L	24	5	145
<sup>13</sup> C <sub>12</sub> -4,4'-DiCB	15L	10	5	145
<sup>13</sup> C <sub>12</sub> -2,2',6'-TrCB	19L	30	5	145
<sup>13</sup> C <sub>12</sub> -3,4,4'-TrCB	37L	32	5	145
<sup>13</sup> C <sub>12</sub> -2,2',6,6'-TeCB	54L	28	5	145
<sup>13</sup> C <sub>12</sub> -3,4,4',5'-TeCB	81L	38	5	145
<sup>13</sup> C <sub>12</sub> -3,3',4,4'-TeCB	77L	12	10	145
<sup>13</sup> C <sub>12</sub> -2,2',4,6,6'-PeCB	104L	31	10	145
<sup>13</sup> C <sub>12</sub> -2',3,4,4',5'-PeCB	123L	42	10	145
<sup>13</sup> C <sub>12</sub> -2,3',4,4',5'-PeCB	118L	43	10	145
<sup>13</sup> C <sub>12</sub> -2,3,4,4',5'-PeCB	114L	40	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4'-PeCB	105L	48	10	145
<sup>13</sup> C <sub>12</sub> -3,3',4,4',5'-PeCB	126L	49	10	145
<sup>13</sup> C <sub>12</sub> -2,2',4,4',6,6'-HxCB	155L	45	10	145
<sup>13</sup> C <sub>12</sub> -2,3',4,4',5,5'-HxCB	167L	47	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5'-HxCB	156L	48	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5'-HxCB	157L	50	10	145
<sup>13</sup> C <sub>12</sub> -3,3',4,4',5,5'-HxCB	169L	56	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,4',5,6,6'-HpCB	188L	42	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5,5'-HpCB	189L	48	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',5,5',6,6'-OcCB	202L	55	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5,5',6'-OcCB	205L	53	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',4',5,5',6,6'-NoCB	208L	53	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',4,4',5,5',6'-NoCB	206L	54	10	145
<sup>13</sup> C <sub>12</sub> -DeCB	209L	63	10	145
<sup>13</sup> C <sub>12</sub> -2,4,4'-TrCB	28L	37	5	145
<sup>13</sup> C <sub>12</sub> -2,3,3',5,5'-PeCB	111L	33	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',5,5',6'-HpCB	178L	44	10	145



# QC REPORT - SPIKE

Project:	City of Spokane	Contact:	Jeffery Donovan
Client ID:	SPIKE (LCS)	Date Extracted:	12/3/2014
Field ID:	Liquids	Date Analysed:	12/13/2014
PRL ID:	PC140998S	HRMS File:	FS12131411

Polychlorinated Biphenyls					Accept. Recovery		Pass/Fail	Surrogate
Chemical Name	IUPAC #	CAS No.	LOF ug/Kg	Recovery %	Min %	Max %		Recoveries %
2-MoCB	PCB-001	2051-60-7	1	108.7	60	135	Pass	34
4-MoCB	PCB-003	2051-62-9	1	95.2	60	135	Pass	22
2,6-DiCB	PCB-010	33146-45-1	1	126.1				-
2,2'-DiCB	PCB-004	13029-08-8	1	135.7	60	135	Fail	40
	PCB-005/008		1	130.1				-
4,4'-DiCB	PCB-015	2050-68-2	1	99.5	60	135	Pass	23
2,2',6-TrCB	PCB-019	38444-73-4	1	104.1	60	135	Pass	52
2,2',5-TrCB	PCB-018	37680-65-2	1	130.3				-
2,4,4'-TrCB	PCB-028	7012-37-5	1	110.0				-
	PCB-020/033		1	110.8				-
2,3,4'-TrCB	PCB-022	38444-85-8	1	122.7				-
3,4,4'-TrCB	PCB-037	38444-90-5	1	125.9	60	135	Pass	42
2,2',6,6'-TeCB	PCB-054	15968-05-5	1	110.1	60	135	Pass	44
	PCB-052/069		1	126.1				-
	PCB-043/049		1	114.7				-
2,2',3,5'-TeCB	PCB-044	41464-39-5	1	180.5				-
2,2',3,4'-TeCB	PCB-041	52663-59-9	1	60.1				-
2,2',3,3'-TeCB	PCB-040	38444-93-8	1	67.0				-
2,4,4',5'-TeCB	PCB-074	32690-93-0	1	106.1				-
2,3',4',5'-TeCB	PCB-070	32598-11-1	1	145.0				-
2,3',4,4'-TeCB	PCB-066	32598-10-0	1	72.0				-
2,3,4,4'-TeCB	PCB-060	33025-41-1	1	66.9				-
3,4,4',5'-TeCB	PCB-081	70362-50-4	1	93.6	60	135	Pass	57
3,3',4,4'-TeCB	PCB-077	32598-13-3	1	90.1	60	135	Pass	31
2,2',4,6,6'-PeCB	PCB-104	56558-16-8	1	97.2	60	135	Pass	53
2,2',3,5',6'-PeCB	PCB-095	38379-99-6	1	72.7				-
2,2',3,4',5'-PeCB	PCB-090	68194-07-0	1	76.2				-
2,2',4,5,5'-PeCB	PCB-101	37680-73-2	1	108.3				-
2,2',4,4',5'-PeCB	PCB-099	38380-01-7	1	103.0				-
2,3',4,4',6'-PeCB	PCB-119	56558-17-9	1	94.9				-
	PCB-087/115		1	82.0				-
2,3,3',4',6'-PeCB	PCB-110	38380-03-9	1	120.9				-
2,3',4,4',5'-PeCB	PCB-123	65510-44-3	1	104.3	60	135	Pass	61
2,3',4,4',5'-PeCB	PCB-118	31508-00-6	1	126.6	60	135	Pass	58
2,3,4,4',5'-PeCB	PCB-114	74472-37-0	1	127.9	60	135	Pass	56
2,3,3',4,4'-PeCB	PCB-105	32598-14-4	1	104.2	60	135	Pass	70
3,3',4,4',5'-PeCB	PCB-126	57465-28-8	1	120.9	60	135	Pass	66
2,2',4,4',6,6'-HxCB	PCB-155	33979-03-2	1	111.6	60	135	Pass	67
2,2',3,5,5',6'-HxCB	PCB-151	52663-63-5	1	96.6				-
	PCB-139/149		1	126.3				-
2,2',4,4',5,5'-HxCB	PCB-153	35065-27-1	1	87.2				-
2,3',4,4',5',6'-HxCB	PCB-168	59291-65-5	1	102.7				-
2,2',3,4,5,5'-HxCB	PCB-141	52712-04-6	1	71.3				-
2,2',3,4,4',5'-HxCB	PCB-137	35694-06-5	1	71.5				-
2,2',3,4,4',5'-HxCB	PCB-138	35065-28-2	1	84.5				-
2,3,3',4,4',6'-HxCB	PCB-158	74472-42-7	1	95.2				-
2,2',3,3',4,5'-HxCB	PCB-129	55215-18-4	1	71.9				-
2,2',3,3',4,4'-HxCB	PCB-128	38380-07-3	1	81.5				-
2,3',4,4',5,5'-HxCB	PCB-167	52663-72-6	1	112.8	60	135	Pass	65
2,3,3',4,4',5'-HxCB	PCB-156	38380-08-4	1	114.6	60	135	Pass	63
2,3,3',4,4',5'-HxCB	PCB-157	69782-90-7	1	122.2	60	135	Pass	70
3,3',4,4',5,5'-HxCB	PCB-169	32774-16-6	1	104.3	60	135	Pass	67



# QC REPORT - SPIKE

Project:	City of Spokane	Contact:	Jeffery Donovan
Client ID:	SPIKE (LCS)	Date Extracted:	12/3/2014
Field ID:	Liquids	Date Analysed:	12/13/2014
PRL ID:	PC140998S	HRMS File:	FS12131411

Polychlorinated Biphenyls					Accept. Recovery		Pass/Fail	Surrogate
Chemical Name	IUPAC #	CAS No.	LOF ug/Kg	Recovery %	Min %	Max %		Recoveries %
2,2',3,4',5,6,6'-HpCB	PCB-188	74487-85-7	1	120.0	60	135	Pass	55
2,2',3,3',5,5',6-HpCB	PCB-178	52663-67-9	1	96.4				-
	PCB-182/187		1	101.9				-
2,2',3,4,4',5',6-HpCB	PCB-183	52663-69-1	1	101.3				-
2,2',3,3',4,5',6'-HpCB	PCB-177	52663-70-4	1	111.2				-
2,2',3,3',4,4',6-HpCB	PCB-171	52663-71-5	1	100.1				-
2,2',3,4,4',5,5'-HpCB	PCB-180	35065-29-3	1	119.8				-
2,3,3',4',5,5',6-HpCB	PCB-193	69782-91-8	1	84.3				-
2,3,3',4,4',5',6-HpCB	PCB-191	74472-50-7	1	125.4				-
2,2',3,3',4,4',5-HpCB	PCB-170	35065-30-6	1	127.5				-
2,3,3',4,4',5,5'-HpCB	PCB-189	39635-31-9	1	105.9	60	135	Pass	75
2,2',3,3',5,5',6,6'-OcCB	PCB-202	2136-99-4	1	113.9	60	135	Pass	76
2,2',3,3',4,5',6,6'-OcCB	PCB-201	40186-71-8	1	97.5				-
2,2',3,3',4,5,5',6'-OcCB	PCB-199	52663-75-9	1	108.4				-
2,2',3,4,4',5,5',6-OcCB	PCB-203	52663-76-0	1	93.4				-
2,2',3,3',4,4',5,5'-OcCB	PCB-194	35694-08-7	1	97.7				-
2,3,3',4,4',5,5',6-OcCB	PCB-205	74472-53-0	1	108.3	60	135	Pass	78
2,2',3,3',4,5,5',6'-NoCB	PCB-208	52663-77-1	1	105.4	60	135	Pass	77
2,2',3,3',4,4',5,5',6'-NoCB	PCB-206	40186-72-9	1	101.7	60	135	Pass	78
2,2',3,3',4,4',5,5',6,6'-DeCB	PCB-209	2051-24-3	1	97.6	60	135	Pass	84

LOF - level of fortification



# DATA REPORT

Client:	City of Spokane	Contact: <u>Jeff Donovan</u>
Client ID:	PCB Product Sample (019-082114-1127)	Date Extracted: <u>12/3/2014</u>
Field ID:	#14-15222 (Diesel)	Date Analysed: <u>12/14/2014</u>
PRL ID:	PR142936	HRMS File: <u>FS12191404</u>

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2-MoCB	PCB-001	2051-60-7	2	2	U	
3-MoCB	PCB-002	2051-61-8	2	2	U	
4-MoCB	PCB-003	2051-62-9	2	2	U	
2,6-DiCB	PCB-010	33146-45-1	2	2	U	
2,2'-DiCB	PCB-004	13029-08-8	2	2	U	
2,5-DiCB	PCB-009	34883-39-1	2	2	U	
2,4-DiCB	PCB-007	33284-50-3	2	2	U	
2,3'-DiCB	PCB-006	25569-80-6	2	2	U	
2,3/2,4'-DiCB	PCB-005/008		2	2	U	
3,5-DiCB	PCB-014	34883-41-5	2	2	U	
3,3'-DiCB	PCB-011	2050-67-1	2	2	U	
3,4/3,4'-DiCB	PCB-012/013		2	2	U	
4,4'-DiCB	PCB-015	2050-68-2	2	2	U	
2,2',6-TrCB	PCB-019	38444-73-4	2	2	U	
2,4,6-TrCB	PCB-030	35693-92-6	2	2	U	
2,2',5-TrCB	PCB-018	37680-65-2	2	2	U	
2,2',4-TrCB	PCB-017	37680-66-3	2	2	U	
2,3,6-TrCB	PCB-024	55702-45-9	2	2	U	
2,3',6-TrCB	PCB-027	38444-76-7	2	2	U	
2,4',6-TrCB	PCB-032	38444-77-8	2	2	U	
2,2',3-TrCB	PCB-016	38444-78-9	2	2	U	
2,3,5-TrCB	PCB-023	55720-44-0	0.065	0.065	UJ	0.065
2,3',5'-TrCB	PCB-034	37680-68-5	0.052	0.052	UJ	0.052
2,4,5-TrCB	PCB-029	15862-07-4	0.038	0.038	UJ	0.038
2,3',5-TrCB	PCB-026	38444-81-4	0.055	0.055	UJ	0.055
2,3',4-TrCB	PCB-025	55712-37-3	0.058	0.058	UJ	0.058
2,4',5-TrCB	PCB-031	16606-02-3	0.042	0.042	UJ	0.042
2,4,4'-TrCB	PCB-028	7012-37-5	0.054	0.054	UJ	0.054
2,3,4-TrCB	PCB-021	55702-46-0	0.077	0.077	UJ	0.077
	PCB-020/033		0.052	0.052	UJ	0.052
2,3,4'-TrCB	PCB-022	38444-85-8	0.064	0.064	UJ	0.064
3,3',5-TrCB	PCB-036	38444-87-0	0.042	0.042	UJ	0.042
3,4',5-TrCB	PCB-039	38444-88-1	0.05	0.05	UJ	0.05
3,4,5-TrCB	PCB-038	53555-66-1	0.061	0.061	UJ	0.061
3,3',4-TrCB	PCB-035	37680-69-6	0.053	0.053	UJ	0.053
3,4,4'-TrCB	PCB-037	38444-90-5	0.105	0.105	UJ	0.105
2,2',6,6'-TeCB	PCB-054	15968-05-5	2.013	2.013	U	2.013
2,2',4,6'-TeCB	PCB-050	62796-65-0	0.096	0.096	UJ	0.096
2,2',5,6'-TeCB	PCB-053	41464-41-9	0.103	0.103	UJ	0.103
2,2',4,6'-TeCB	PCB-051	68194-04-7	0.098	0.098	UJ	0.098
2,2',3,6'-TeCB	PCB-045	70362-45-7	0.102	0.102	UJ	0.102
2,2',3,6'-TeCB	PCB-046	41464-47-5	0.123	0.123	UJ	0.123
	PCB-052/069		0.095	0.095	UJ	0.095
2,3',5',6'-TeCB	PCB-073	74338-23-1	0.069	0.069	UJ	0.069
	PCB-043/049		0.102	0.102	UJ	0.102
	PCB-065/075		0.094	0.094	UJ	0.094
	PCB-047/048		0.088	0.088	UJ	0.088
2,3,4,6-TeCB	PCB-062	54230-22-7	0.062	0.062	UJ	0.062
2,2',3,5'-TeCB	PCB-044	41464-39-5	0.152	0.152	UJ	0.152
2,3,3',6-TeCB	PCB-059	74472-33-6	0.078	0.078	UJ	0.078
2,2',3,4'-TeCB	PCB-042	36559-22-5	0.107	0.107	UJ	0.107
	PCB-064/072		0.089	0.089	UJ	0.089



# DATA REPORT

Client:	<u>City of Spokane</u>	Contact: <u>Jeff Donovan</u>
Client ID:	<u>PCB Product Sample (019-082114-1127)</u>	Date Extracted: <u>12/3/2014</u>
Field ID:	<u>#14-15222 (Diesel)</u>	Date Analysed: <u>12/14/2014</u>
PRL ID:	<u>PR142936</u>	HRMS File: <u>FS12191404</u>

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3',4',6-TeCB	PCB-071	41464-46-4	0.066	0.066	UJ	0.066
2,2',3,4-TeCB	PCB-041	52663-59-9	0.098	0.098	UJ	0.098
2,3',4,5'-TeCB	PCB-068	73575-52-7	0.078	0.078	UJ	0.078
	PCB-040/057		0.098	0.098	UJ	0.098
2,3',4,5-TeCB	PCB-067	73575-53-8	0.094	0.094	UJ	0.094
2,3,4',5-TeCB	PCB-063	74472-34-7	0.101	0.101	UJ	0.101
2,3,3',5'-TeCB	PCB-058	41464-49-7	0.056	0.056	UJ	0.056
2,3,4,5-TeCB	PCB-061	33284-53-6	0.089	0.089	UJ	0.089
2,4,4',5-TeCB	PCB-074	32690-93-0	0.084	0.084	UJ	0.084
2,3',4',5-TeCB	PCB-070	32598-11-1	0.129	0.129	UJ	0.129
	PCB-055/080		0.081	0.081	UJ	0.081
2,3',4,4'-TeCB	PCB-066	32598-10-0	0.062	0.062	UJ	0.062
2,3',4',5'-TeCB	PCB-076	70362-48-0	0.092	0.092	UJ	0.092
2,3,4,4'-TeCB	PCB-060	33025-41-1	0.141	0.141	UJ	0.141
2,3,3',4'-TeCB	PCB-056	41464-43-1	0.064	0.064	UJ	0.064
3,3',4,5'-TeCB	PCB-079	41464-48-6	0.107	0.107	UJ	0.107
3,3',4,5-TeCB	PCB-078	70362-49-1	0.087	0.087	UJ	0.087
3,4,4',5-TeCB	PCB-081	70362-50-4	0.056	0.056	UJ	0.056
3,3',4,4'-TeCB	PCB-077	32598-13-3	0.063	0.063	UJ	0.063
2,2',4,6,6'-PeCB	PCB-104	56558-16-8	0.202	0.202	UJ	0.202
2,2',3,6,6'-PeCB	PCB-096	73575-54-9	0.034	0.034	UJ	0.034
2,2',4,5',6-PeCB	PCB-103	60145-21-3	0.04	0.04	UJ	0.04
2,2',4,4',6-PeCB	PCB-100	39485-83-1	0.045	0.045	UJ	0.045
2,2',3,5,6'-PeCB	PCB-094	73575-55-0	0.052	0.052	UJ	0.052
	PCB-093/098/102		0.049	0.049	UJ	0.049
2,2',3,5',6-PeCB	PCB-095	38379-99-6	0.037	0.037	UJ	0.037
2,2',3,4,6-PeCB	PCB-088	55215-17-3	0.048	0.048	UJ	0.048
	PCB-091/121		0.04	0.04	UJ	0.04
2,2',3,3',6-PeCB	PCB-084	52663-60-2	0.051	0.051	UJ	0.051
2,2',3,5,5'-PeCB	PCB-092	52663-61-3	0.053	0.053	UJ	0.053
2,2',3,4,6'-PeCB	PCB-089	73575-57-2	0.054	0.054	UJ	0.054
2,2',3,4',5-PeCB	PCB-090	68194-07-0	0.058	0.058	UJ	0.058
2,2',4,5,5'-PeCB	PCB-101	37680-73-2	0.039	0.039	UJ	0.039
2,3,3',5',6-PeCB	PCB-113	68194-10-5	0.04	0.04	UJ	0.04
2,2',4,4',5-PeCB	PCB-099	38380-01-7	0.044	0.044	UJ	0.044
	PCB-112/119		0.036	0.036	UJ	0.036
	PCB-083/109		0.048	0.048	UJ	0.048
	PCB-086/117		0.055	0.055	UJ	0.055
	PCB-097/116		0.044	0.044	UJ	0.044
2,3',4',5',6-PeCB	PCB-125	74472-39-2	0.037	0.037	UJ	0.037
	PCB-087/115		0.045	0.045	UJ	0.045
2,3,3',5,5'-PeCB	PCB-111	39635-32-0	0.036	0.036	UJ	0.036
2,2',3,4,4'-PeCB	PCB-085	65510-45-4	0.049	0.049	UJ	0.049
2,3',4,5,5'-PeCB	PCB-120	68194-12-7	0.042	0.042	UJ	0.042
2,3,3',4',6-PeCB	PCB-110	38380-03-9	0.035	0.035	UJ	0.035
2,2',3,3',4-PeCB	PCB-082	52663-62-4	0.06	0.06	UJ	0.06
2,3',4',5,5'-PeCB	PCB-124	70424-70-3	0.046	0.046	UJ	0.046
	PCB-107/108		0.023	0.023	UJ	0.023
2,3',4,4',5'-PeCB	PCB-123	65510-44-3	0.019	0.019	UJ	0.019
2,3,3',4,5-PeCB	PCB-106	70424-69-0	0.02	0.02	UJ	0.02
2,3',4,4',5-PeCB	PCB-118	31508-00-6	0.02	0.02	UJ	0.02
2,3,4,4',5-PeCB	PCB-114	74472-37-0	0.023	0.023	UJ	0.023



# DATA REPORT

Client:	City of Spokane	Contact: <u>Jeff Donovan</u>
Client ID:	PCB Product Sample (019-082114-1127)	Date Extracted: <u>12/3/2014</u>
Field ID:	#14-15222 (Diesel)	Date Analysed: <u>12/14/2014</u>
PRL ID:	PR142936	HRMS File: <u>FS12191404</u>

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3,3',4',5'-PeCB	PCB-122	76842-07-4	0.024	0.024	UJ	0.024
	PCB-105/127		0.024	0.024	UJ	0.024
3,3',4,4',5'-PeCB	PCB-126	57465-28-8	0.079	0.079	UJ	0.079
2,2',4,4',6,6'-HxCB	PCB-155	33979-03-2	0.037	0.037	UJ	0.037
2,2',3,4',6,6'-HxCB	PCB-150	68194-08-1	0.079	0.079	UJ	0.079
2,2',3,5,6,6'-HxCB	PCB-152	68194-09-2	0.072	0.072	UJ	0.072
2,2',3,4,6,6'-HxCB	PCB-145	74472-40-5	0.076	0.076	UJ	0.076
	PCB-136/148		0.084	0.084	UJ	0.084
2,2',4,4',5,6'-HxCB	PCB-154	60145-22-4	0.087	0.087	UJ	0.087
2,2',3,5,5',6-HxCB	PCB-151	52663-63-5	0.101	0.101	UJ	0.101
2,2',3,3',5,6'-HxCB	PCB-135	52744-13-5	0.116	0.116	UJ	0.116
2,2',3,4,5',6-HxCB	PCB-144	68194-14-9	0.109	0.109	UJ	0.109
2,2',3,4',5,6-HxCB	PCB-147	68194-13-8	0.091	0.091	UJ	0.091
	PCB-139/149		0.106	0.106	UJ	0.106
2,2',3,4,4',6'-HxCB	PCB-140	59291-64-4	0.035	0.035	UJ	0.035
2,2',3,4,5,6'-HxCB	PCB-143	68194-15-0	0.045	0.045	UJ	0.045
2,2',3,3',5,6-HxCB	PCB-134	52704-70-8	0.056	0.056	UJ	0.056
2,2',3,4,5,6-HxCB	PCB-142	41411-61-4	0.05	0.05	UJ	0.05
2,2',3,3',4,6-HxCB	PCB-131	61798-70-7	0.064	0.064	UJ	0.064
2,2',3,3',5,5'-HxCB	PCB-133	35694-04-3	0.037	0.037	UJ	0.037
2,3,3',5,5',6-HxCB	PCB-165	74472-46-1	0.041	0.041	UJ	0.041
2,2',3,4',5,5'-HxCB	PCB-146	51908-16-8	0.041	0.041	UJ	0.041
	PCB-132/161		0.039	0.039	UJ	0.039
2,2',4,4',5,5'-HxCB	PCB-153	35065-27-1	0.044	0.044	UJ	0.044
2,3',4,4',5',6-HxCB	PCB-168	59291-65-5	0.031	0.031	UJ	0.031
2,2',3,4,5,5'-HxCB	PCB-141	52712-04-6	0.047	0.047	UJ	0.047
2,2',3,4,4',5-HxCB	PCB-137	35694-06-5	0.05	0.05	UJ	0.05
2,2',3,3',4,5'-HxCB	PCB-130	52663-66-8	0.05	0.05	UJ	0.05
	PCB-163/164		0.038	0.038	UJ	0.038
	PCB-138/160		0.041	0.041	UJ	0.041
2,3,3',4,4',6-HxCB	PCB-158	74472-42-7	0.032	0.032	UJ	0.032
2,2',3,3',4,5-HxCB	PCB-129	55215-18-4	0.05	0.05	UJ	0.05
2,3,4,4',5,6-HxCB	PCB-166	41411-63-6	0.036	0.036	UJ	0.036
2,3,3',4,5,5'-HxCB	PCB-159	39635-35-3	0.033	0.033	UJ	0.033
	PCB-128/162		0.041	0.041	UJ	0.041
2,3',4,4',5,5'-HxCB	PCB-167	52663-72-6	0.034	0.034	UJ	0.034
2,3,3',4,4',5-HxCB	PCB-156	38380-08-4	0.042	0.042	UJ	0.042
2,3,3',4,4',5'-HxCB	PCB-157	69782-90-7	0.049	0.049	UJ	0.049
3,3',4,4',5,5'-HxCB	PCB-169	32774-16-6	0.17	0.17	UJ	0.17
2,2',3,4',5,6,6'-HpCB	PCB-188	74487-85-7	0.023	0.023	UJ	0.023
2,2',3,4,4',6,6'-HpCB	PCB-184	74472-48-3	0.034	0.034	UJ	0.034
2,2',3,3',5,6,6'-HpCB	PCB-179	52663-64-6	0.033	0.033	UJ	0.033
2,2',3,3',4,6,6'-HpCB	PCB-176	52663-65-7	0.035	0.035	UJ	0.035
2,2',3,4,5,6,6'-HpCB	PCB-186	74472-49-4	0.038	0.038	UJ	0.038
2,2',3,3',5,5',6-HpCB	PCB-178	52663-67-9	0.048	0.048	UJ	0.048
2,2',3,3',4,5',6-HpCB	PCB-175	40186-70-7	0.047	0.047	UJ	0.047
	PCB-182/187		0.045	0.045	UJ	0.045
2,2',3,4,4',5',6-HpCB	PCB-183	52663-69-1	0.044	0.044	UJ	0.044
2,2',3,4,5,5',6-HpCB	PCB-185	52712-05-7	0.051	0.051	UJ	0.051
2,2',3,3',4,5,6'-HpCB	PCB-174	38411-25-5	0.052	0.052	UJ	0.052
2,2',3,4,4',5,6-HpCB	PCB-181	74472-47-2	0.051	0.051	UJ	0.051
2,2',3,3',4,5',6'-HpCB	PCB-177	52663-70-4	0.048	0.048	UJ	0.048



# DATA REPORT

Client:	City of Spokane	Contact: Jeff Donovan
Client ID:	PCB Product Sample (019-082114-1127)	Date Extracted: 12/3/2014
Field ID:	#14-15222 (Diesel)	Date Analysed: 12/14/2014
PRL ID:	PR142936	HRMS File: FS12191404

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,2',3,3',4,4',6-HpCB	PCB-171	52663-71-5	0.048	0.048	UJ	0.048
2,2',3,3',4,5,6-HpCB	PCB-173	68194-16-1	0.058	0.058	UJ	0.058
2,2',3,3',4,5,5'-HpCB	PCB-172	52663-74-8	0.053	0.053	UJ	0.053
2,3,3',4,5,5',6-HpCB	PCB-192	74472-51-8	0.043	0.043	UJ	0.043
2,2',3,4,4',5,5'-HpCB	PCB-180	35065-29-3	0.065	0.065	UJ	0.065
2,3,3',4',5,5',6-HpCB	PCB-193	69782-91-8	0.034	0.034	UJ	0.034
2,3,3',4,4',5',6-HpCB	PCB-191	74472-50-7	0.039	0.039	UJ	0.039
2,2',3,3',4,4',5-HpCB	PCB-170	35065-30-6	0.058	0.058	UJ	0.058
2,3,3',4,4',5,6-HpCB	PCB-190	41411-64-7	0.035	0.035	UJ	0.035
2,3,3',4,4',5,5'-HpCB	PCB-189	39635-31-9	0.082	0.082	UJ	0.082
2,2',3,3',5,5',6,6'-OcCB	PCB-202	2136-99-4	0.026	0.026	UJ	0.026
2,2',3,3',4,5',6,6'-OcCB	PCB-201	40186-71-8	0.043	0.043	UJ	0.043
2,2',3,4,4',5,6,6'-OcCB	PCB-204	74472-52-9	0.041	0.041	UJ	0.041
2,2',3,3',4,4',6,6'-OcCB	PCB-197	33091-17-7	0.044	0.044	UJ	0.044
2,2',3,3',4,5,6,6'-OcCB	PCB-200	52663-73-7	0.045	0.045	UJ	0.045
2,2',3,3',4,5,5',6-OcCB	PCB-198	68194-17-2	0.07	0.07	UJ	0.07
2,2',3,3',4,5,5',6'-OcCB	PCB-199	52663-75-9	0.062	0.062	UJ	0.062
2,2',3,3',4,4',5,6'-OcCB	PCB-196	42740-50-1	0.062	0.062	UJ	0.062
2,2',3,4,4',5,5',6-OcCB	PCB-203	52663-76-0	0.057	0.057	UJ	0.057
2,2',3,3',4,4',5,6-OcCB	PCB-195	52663-78-2	0.044	0.044	UJ	0.044
2,2',3,3',4,4',5,5'-OcCB	PCB-194	35694-08-7	0.038	0.038	UJ	0.038
2,3,3',4,4',5,5',6-OcCB	PCB-205	74472-53-0	0.084	0.084	UJ	0.084
2,2',3,3',4,5,5',6,6'-NoCB	PCB-208	52663-77-1	0.165	0.165	UJ	0.165
2,2',3,3',4,4',5,6,6'-NoCB	PCB-207	52663-79-3	0.182	0.182	UJ	0.182
2,2',3,3',4,4',5,5',6-NoCB	PCB-206	40186-72-9	0.264	0.264	UJ	0.264
2,2',3,3',4,4',5,5',6,6'-DeCB	PCB-209	2051-24-3	0.111	0.111	UJ	0.111

Homologs	# of Congeners			
Monochlorobiphenyls	3	2	2	U
Dichlorobiphenyls	12	2	2	U
Trichlorobiphenyls	24	2	2	U
Tetrachlorobiphenyls	42	0.056	0.056	UJ
Pentachlorobiphenyls	46	0.019	0.019	UJ
Hexachlorobiphenyls	42	0.031	0.031	UJ
Heptachlorobiphenyls	24	0.023	0.023	UJ
Octachlorobiphenyls	12	0.026	0.026	UJ
Nonachlorobiphenyls	3	0.165	0.165	UJ
Decachlorobiphenyl	1	0.111	0.111	UJ
<b>Total PCB</b>		<b>0.019</b>	<b>0.019</b>	<b>UJ</b>



# DATA REPORT

Client:	City of Spokane	Contact: Jeff Donovan
Client ID:	PCB Product Sample (019-082114-1127)	Date Extracted: 12/3/2014
Field ID:	#14-15222 (Diesel)	Date Analysed: 12/14/2014
PRL ID:	PR142936	HRMS File: FS12191404

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
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Surrogate Recoveries			Acceptance	
Chemical Name	IUPAC #	%	Min	Max
<sup>13</sup> C <sub>12</sub> -2-MoCB	1L	N/A	5	145
<sup>13</sup> C <sub>12</sub> -4-MoCB	3L	N/A	5	145
<sup>13</sup> C <sub>12</sub> -2,2'-DiCB	4L	N/A	5	145
<sup>13</sup> C <sub>12</sub> -4,4'-DiCB	15L	N/A	5	145
<sup>13</sup> C <sub>12</sub> -2,2',6'-TrCB	19L	N/A	5	145
<sup>13</sup> C <sub>12</sub> -3,4,4'-TrCB	37L	N/A	5	145
<sup>13</sup> C <sub>12</sub> -2,2',6,6'-TeCB	54L	N/A	5	145
<sup>13</sup> C <sub>12</sub> -3,4,4',5'-TeCB	81L	N/A	5	145
<sup>13</sup> C <sub>12</sub> -3,3',4,4'-TeCB	77L	N/A	10	145
<sup>13</sup> C <sub>12</sub> -2,2',4,6,6'-PeCB	104L	19	10	145
<sup>13</sup> C <sub>12</sub> -2',3,4,4',5'-PeCB	123L	133	10	145
<sup>13</sup> C <sub>12</sub> -2,3',4,4',5'-PeCB	118L	112	10	145
<sup>13</sup> C <sub>12</sub> -2,3,4,4',5'-PeCB	114L	111	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4'-PeCB	105L	111	10	145
<sup>13</sup> C <sub>12</sub> -3,3',4,4',5'-PeCB	126L	68	10	145
<sup>13</sup> C <sub>12</sub> -2,2',4,4',6,6'-HxCB	155L	84	10	145
<sup>13</sup> C <sub>12</sub> -2,3',4,4',5,5'-HxCB	167L	66	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5'-HxCB	156L	57	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5'-HxCB	157L	52	10	145
<sup>13</sup> C <sub>12</sub> -3,3',4,4',5,5'-HxCB	169L	37	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,4',5,6,6'-HpCB	188L	71	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5,5'-HpCB	189L	108	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',5,5',6,6'-OeCB	202L	81	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5,5',6-OeCB	205L	90	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',4',5,5',6,6'-NoCB	208L	135	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',4,4',5,5',6-NoCB	206L	73	10	145
<sup>13</sup> C <sub>12</sub> -DeCB	209L	94	10	145
<sup>13</sup> C <sub>12</sub> -2,4,4'-TrCB	28L	61	5	145
<sup>13</sup> C <sub>12</sub> -2,3,3',5,5'-PeCB	111L	83	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',5,5',6'-HpCB	178L	58	10	145

N/A - not available due to lock mass interference.



# DATA REPORT

Client:	City of Spokane	Contact: <u>Jeff Donovan</u>
Client ID:	PCB Product Sample (020-082114-1104)	Date Extracted: <u>12/3/2014</u>
Field ID:	#14-15223 (Gasoline)	Date Analysed: <u>12/15/2014</u>
PRL ID:	PR142937	HRMS File: <u>FS12141413</u>

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2-MoCB	PCB-001	2051-60-7	0.0349	0.0349	U	0.0349
3-MoCB	PCB-002	2051-61-8	0.93	0.0503		0.0503
4-MoCB	PCB-003	2051-62-9	0.0312	0.0312	U	0.0312
2,6-DiCB	PCB-010	33146-45-1	0.0098	0.0098	UJ	0.0098
2,2'-DiCB	PCB-004	13029-08-8	0.0318	0.0318	U	0.0318
2,5-DiCB	PCB-009	34883-39-1	0.0119	0.0119	UJ	0.0119
2,4-DiCB	PCB-007	33284-50-3	0.0065	0.0065	UJ	0.0065
2,3'-DiCB	PCB-006	25569-80-6	0.0103	0.0103	UJ	0.0103
2,3/2,4'-DiCB	PCB-005/008		0.0088	0.0088	UJ	0.0088
3,5-DiCB	PCB-014	34883-41-5	0.0107	0.0107	UJ	0.0107
3,3'-DiCB	PCB-011	2050-67-1	0.0116	0.0116	UJ	0.0116
3,4/3,4'-DiCB	PCB-012/013		0.0103	0.0103	UJ	0.0103
4,4'-DiCB	PCB-015	2050-68-2	0.0088	0.0088	UJ	0.0088
2,2',6-TrCB	PCB-019	38444-73-4	0.0158	0.0158	UJ	0.0158
2,4,6-TrCB	PCB-030	35693-92-6	0.008	0.008	UJ	0.008
2,2',5-TrCB	PCB-018	37680-65-2	0.0105	0.0105	UJ	0.0105
2,2',4-TrCB	PCB-017	37680-66-3	0.0106	0.0106	UJ	0.0106
2,3,6-TrCB	PCB-024	55702-45-9	0.0092	0.0092	UJ	0.0092
2,3',6-TrCB	PCB-027	38444-76-7	0.0058	0.0058	UJ	0.0058
2,4',6-TrCB	PCB-032	38444-77-8	0.0079	0.0079	UJ	0.0079
2,2',3-TrCB	PCB-016	38444-78-9	0.0236	0.0121	N	0.0121
2,3,5-TrCB	PCB-023	55720-44-0	0.0064	0.0064	UJ	0.0064
2,3',5'-TrCB	PCB-034	37680-68-5	0.006	0.006	UJ	0.006
2,4,5-TrCB	PCB-029	15862-07-4	0.0038	0.0038	UJ	0.0038
2,3',5-TrCB	PCB-026	38444-81-4	0.0054	0.0054	UJ	0.0054
2,3',4-TrCB	PCB-025	55712-37-3	0.0057	0.0057	UJ	0.0057
2,4',5-TrCB	PCB-031	16606-02-3	0.0398	0.0042	N	0.0042
2,4,4'-TrCB	PCB-028	7012-37-5	0.0064	0.0064	UJ	0.0064
2,3,4-TrCB	PCB-021	55702-46-0	0.009	0.009	UJ	0.009
	PCB-020/033		0.006	0.006	UJ	0.006
2,3,4'-TrCB	PCB-022	38444-85-8	0.0241	0.0074	N	0.0074
3,3',5-TrCB	PCB-036	38444-87-0	0.0113	0.0049	NJ	0.0049
3,4',5-TrCB	PCB-039	38444-88-1	0.0209	0.0058	N	0.0058
3,4,5-TrCB	PCB-038	53555-66-1	0.0071	0.0071	UJ	0.0071
3,3',4-TrCB	PCB-035	37680-69-6	0.0062	0.0062	UJ	0.0062
3,4,4'-TrCB	PCB-037	38444-90-5	0.0087	0.0087	UJ	0.0087
2,2',6,6'-TeCB	PCB-054	15968-05-5	0.0018	0.0018	UJ	0.0018
2,2',4,6'-TeCB	PCB-050	62796-65-0	0.0023	0.0023	UJ	0.0023
2,2',5,6'-TeCB	PCB-053	41464-41-9	0.0025	0.0025	UJ	0.0025
2,2',4,6'-TeCB	PCB-051	68194-04-7	0.0024	0.0024	UJ	0.0024
2,2',3,6'-TeCB	PCB-045	70362-45-7	0.0025	0.0025	UJ	0.0025
2,2',3,6'-TeCB	PCB-046	41464-47-5	0.003	0.003	UJ	0.003
	PCB-052/069		0.0077	0.0023	BJ	0.0023
2,3',5',6'-TeCB	PCB-073	74338-23-1	0.0017	0.0017	UJ	0.0017
	PCB-043/049		0.0025	0.0025	UJ	0.0025
	PCB-065/075		0.0023	0.0023	UJ	0.0023
	PCB-047/048		0.0024	0.0021	NJ	0.0021
2,3,4,6-TeCB	PCB-062	54230-22-7	0.0015	0.0015	UJ	0.0015
2,2',3,5'-TeCB	PCB-044	41464-39-5	0.0163	0.0037	NJ	0.0037
2,3,3',6'-TeCB	PCB-059	74472-33-6	0.0019	0.0019	UJ	0.0019
2,2',3,4'-TeCB	PCB-042	36559-22-5	0.0082	0.0026	NJ	0.0026
	PCB-064/072		0.0022	0.0022	UJ	0.0022



# DATA REPORT

Client:	City of Spokane	Contact: <u>Jeff Donovan</u>
Client ID:	PCB Product Sample (020-082114-1104)	Date Extracted: <u>12/3/2014</u>
Field ID:	#14-15223 (Gasoline)	Date Analysed: <u>12/15/2014</u>
PRL ID:	PR142937	HRMS File: <u>FS12141413</u>

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3',4',6-TeCB	PCB-071	41464-46-4	0.0024	0.0016	NJ	0.0016
2,2',3,4-TeCB	PCB-041	52663-59-9	0.0024	0.0024	UJ	0.0024
2,3',4,5'-TeCB	PCB-068	73575-52-7	0.0019	0.0019	UJ	0.0019
	PCB-040/057		0.0024	0.0024	UJ	0.0024
2,3',4,5-TeCB	PCB-067	73575-53-8	0.0023	0.0023	UJ	0.0023
2,3,4',5-TeCB	PCB-063	74472-34-7	0.0025	0.0025	UJ	0.0025
2,3,3',5'-TeCB	PCB-058	41464-49-7	0.0015	0.0014	NJ	0.0014
2,3,4,5-TeCB	PCB-061	33284-53-6	0.0022	0.0022	UJ	0.0022
2,4,4',5-TeCB	PCB-074	32690-93-0	0.002	0.002	UJ	0.002
2,3',4',5-TeCB	PCB-070	32598-11-1	0.0031	0.0031	UJ	0.0031
	PCB-055/080		0.002	0.002	UJ	0.002
2,3',4,4'-TeCB	PCB-066	32598-10-0	0.0015	0.0015	UJ	0.0015
2,3',4',5'-TeCB	PCB-076	70362-48-0	0.0022	0.0022	UJ	0.0022
2,3,4,4'-TeCB	PCB-060	33025-41-1	0.0034	0.0034	UJ	0.0034
2,3,3',4'-TeCB	PCB-056	41464-43-1	0.0015	0.0015	UJ	0.0015
3,3',4,5'-TeCB	PCB-079	41464-48-6	0.0026	0.0026	UJ	0.0026
3,3',4,5-TeCB	PCB-078	70362-49-1	0.0021	0.0021	UJ	0.0021
3,4,4',5-TeCB	PCB-081	70362-50-4	0.0024	0.0024	UJ	0.0024
3,3',4,4'-TeCB	PCB-077	32598-13-3	0.0027	0.0027	UJ	0.0027
2,2',4,6,6'-PeCB	PCB-104	56558-16-8	0.003	0.003	UJ	0.003
2,2',3,6,6'-PeCB	PCB-096	73575-54-9	0.004	0.004	UJ	0.004
2,2',4,5',6-PeCB	PCB-103	60145-21-3	0.0047	0.0047	UJ	0.0047
2,2',4,4',6-PeCB	PCB-100	39485-83-1	0.0053	0.0053	UJ	0.0053
2,2',3,5,6'-PeCB	PCB-094	73575-55-0	0.0062	0.0062	UJ	0.0062
	PCB-093/098/102		0.0059	0.0059	UJ	0.0059
2,2',3,5',6-PeCB	PCB-095	38379-99-6	0.0083	0.0044	NJ	0.0044
2,2',3,4,6-PeCB	PCB-088	55215-17-3	0.0057	0.0057	UJ	0.0057
	PCB-091/121		0.0047	0.0047	UJ	0.0047
2,2',3,3',6-PeCB	PCB-084	52663-60-2	0.006	0.006	UJ	0.006
2,2',3,5,5'-PeCB	PCB-092	52663-61-3	0.0089	0.0063	NJ	0.0063
2,2',3,4,6'-PeCB	PCB-089	73575-57-2	0.0064	0.0064	UJ	0.0064
2,2',3,4',5-PeCB	PCB-090	68194-07-0	0.0068	0.0068	UJ	0.0068
2,2',4,5,5'-PeCB	PCB-101	37680-73-2	0.0046	0.0046	UJ	0.0046
2,3,3',5',6-PeCB	PCB-113	68194-10-5	0.0048	0.0048	UJ	0.0048
2,2',4,4',5-PeCB	PCB-099	38380-01-7	0.0083	0.0052	NJ	0.0052
	PCB-112/119		0.0043	0.0043	UJ	0.0043
	PCB-083/109		0.0066	0.0056	NJ	0.0056
	PCB-086/117		0.0066	0.0066	UJ	0.0066
	PCB-097/116		0.0052	0.0052	UJ	0.0052
2,3',4',5',6-PeCB	PCB-125	74472-39-2	0.0043	0.0043	UJ	0.0043
	PCB-087/115		0.0054	0.0054	UJ	0.0054
2,3,3',5,5'-PeCB	PCB-111	39635-32-0	0.0042	0.0042	UJ	0.0042
2,2',3,4,4'-PeCB	PCB-085	65510-45-4	0.0058	0.0058	UJ	0.0058
2,3',4,5,5'-PeCB	PCB-120	68194-12-7	0.005	0.005	UJ	0.005
2,3,3',4',6-PeCB	PCB-110	38380-03-9	0.0042	0.0042	UJ	0.0042
2,2',3,3',4-PeCB	PCB-082	52663-62-4	0.0071	0.0071	UJ	0.0071
2,3',4',5,5'-PeCB	PCB-124	70424-70-3	0.002	0.002	UJ	0.002
	PCB-107/108		0.0027	0.0027	UJ	0.0027
2,3',4,4',5'-PeCB	PCB-123	65510-44-3	0.0028	0.0028	UJ	0.0028
2,3,3',4,5-PeCB	PCB-106	70424-69-0	0.0024	0.0024	UJ	0.0024
2,3',4,4',5-PeCB	PCB-118	31508-00-6	0.0029	0.0029	UJ	0.0029
2,3,4,4',5-PeCB	PCB-114	74472-37-0	0.0031	0.0031	UJ	0.0031



# DATA REPORT

Client:	City of Spokane	Contact: Jeff Donovan
Client ID:	PCB Product Sample (020-082114-1104)	Date Extracted: 12/3/2014
Field ID:	#14-15223 (Gasoline)	Date Analysed: 12/15/2014
PRL ID:	PR142937	HRMS File: FS12141413

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3,3',4',5'-PeCB	PCB-122	76842-07-4	0.0028	0.0028	UJ	0.0028
	PCB-105/127		0.0046	0.0036	NJ	0.0036
3,3',4,4',5'-PeCB	PCB-126	57465-28-8	0.0057	0.0057	UJ	0.0057
2,2',4,4',6,6'-HxCB	PCB-155	33979-03-2	0.0009	0.0009	UJ	0.0009
2,2',3,4',6,6'-HxCB	PCB-150	68194-08-1	0.0007	0.0007	UJ	0.0007
2,2',3,5,6,6'-HxCB	PCB-152	68194-09-2	0.0006	0.0006	UJ	0.0006
2,2',3,4,6,6'-HxCB	PCB-145	74472-40-5	0.0007	0.0007	UJ	0.0007
	PCB-136/148		0.0007	0.0007	UJ	0.0007
2,2',4,4',5,6'-HxCB	PCB-154	60145-22-4	0.0007	0.0007	UJ	0.0007
2,2',3,5,5',6'-HxCB	PCB-151	52663-63-5	0.0009	0.0009	UJ	0.0009
2,2',3,3',5,6'-HxCB	PCB-135	52744-13-5	0.001	0.001	UJ	0.001
2,2',3,4,5',6'-HxCB	PCB-144	68194-14-9	0.0009	0.0009	UJ	0.0009
2,2',3,4',5,6'-HxCB	PCB-147	68194-13-8	0.0008	0.0008	UJ	0.0008
	PCB-139/149		0.0009	0.0009	UJ	0.0009
2,2',3,4,4',6'-HxCB	PCB-140	59291-64-4	0.0003	0.0003	UJ	0.0003
2,2',3,4,5,6'-HxCB	PCB-143	68194-15-0	0.0004	0.0004	UJ	0.0004
2,2',3,3',5,6'-HxCB	PCB-134	52704-70-8	0.0005	0.0005	UJ	0.0005
2,2',3,4,5,6'-HxCB	PCB-142	41411-61-4	0.0004	0.0004	UJ	0.0004
2,2',3,3',4,6'-HxCB	PCB-131	61798-70-7	0.0005	0.0005	UJ	0.0005
2,2',3,3',5,5'-HxCB	PCB-133	35694-04-3	0.0003	0.0003	UJ	0.0003
2,3,3',5,5',6'-HxCB	PCB-165	74472-46-1	0.0004	0.0004	UJ	0.0004
2,2',3,4',5,5'-HxCB	PCB-146	51908-16-8	0.0003	0.0003	UJ	0.0003
	PCB-132/161		0.0013	0.0003	NJ	0.0003
2,2',4,4',5,5'-HxCB	PCB-153	35065-27-1	0.0051	0.0004	NJ	0.0004
2,3',4,4',5',6'-HxCB	PCB-168	59291-65-5	0.0003	0.0003	UJ	0.0003
2,2',3,4,5,5'-HxCB	PCB-141	52712-04-6	0.0004	0.0004	UJ	0.0004
2,2',3,4,4',5'-HxCB	PCB-137	35694-06-5	0.0004	0.0004	UJ	0.0004
2,2',3,3',4,5'-HxCB	PCB-130	52663-66-8	0.0015	0.0004	NJ	0.0004
	PCB-163/164		0.0003	0.0003	UJ	0.0003
	PCB-138/160		0.0051	0.0003	J	0.0003
2,3,3',4,4',6'-HxCB	PCB-158	74472-42-7	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,5'-HxCB	PCB-129	55215-18-4	0.0004	0.0004	UJ	0.0004
2,3,4,4',5,6'-HxCB	PCB-166	41411-63-6	0.0003	0.0003	UJ	0.0003
2,3,3',4,5,5'-HxCB	PCB-159	39635-35-3	0.0006	0.0003	NJ	0.0003
	PCB-128/162		0.0004	0.0004	UJ	0.0004
2,3',4,4',5,5'-HxCB	PCB-167	52663-72-6	0.0005	0.0003	NJ	0.0003
2,3,3',4,4',5'-HxCB	PCB-156	38380-08-4	0.0003	0.0003	UJ	0.0003
2,3,3',4,4',5'-HxCB	PCB-157	69782-90-7	0.0003	0.0003	UJ	0.0003
3,3',4,4',5,5'-HxCB	PCB-169	32774-16-6	0.0006	0.0006	UJ	0.0006
2,2',3,4',5,6,6'-HpCB	PCB-188	74487-85-7	0.0009	0.0009	UJ	0.0009
2,2',3,4,4',6,6'-HpCB	PCB-184	74472-48-3	0.0009	0.0009	UJ	0.0009
2,2',3,3',5,6,6'-HpCB	PCB-179	52663-64-6	0.0008	0.0008	UJ	0.0008
2,2',3,3',4,6,6'-HpCB	PCB-176	52663-65-7	0.0009	0.0009	UJ	0.0009
2,2',3,4,5,6,6'-HpCB	PCB-186	74472-49-4	0.001	0.001	UJ	0.001
2,2',3,3',5,5',6'-HpCB	PCB-178	52663-67-9	0.0012	0.0012	UJ	0.0012
2,2',3,3',4,5',6'-HpCB	PCB-175	40186-70-7	0.0012	0.0012	UJ	0.0012
	PCB-182/187		0.0011	0.0011	UJ	0.0011
2,2',3,4,4',5',6'-HpCB	PCB-183	52663-69-1	0.0023	0.0011	UJ	0.0011
2,2',3,4,5,5',6'-HpCB	PCB-185	52712-05-7	0.0013	0.0013	UJ	0.0013
2,2',3,3',4,5,6'-HpCB	PCB-174	38411-25-5	0.0013	0.0013	UJ	0.0013
2,2',3,4,4',5,6'-HpCB	PCB-181	74472-47-2	0.0013	0.0013	UJ	0.0013
2,2',3,3',4,5',6'-HpCB	PCB-177	52663-70-4	0.0012	0.0012	UJ	0.0012



# DATA REPORT

Client:	City of Spokane	Contact: Jeff Donovan
Client ID:	PCB Product Sample (020-082114-1104)	Date Extracted: 12/3/2014
Field ID:	#14-15223 (Gasoline)	Date Analysed: 12/15/2014
PRL ID:	PR142937	HRMS File: FS12141413

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,2',3,3',4,4',6-HpCB	PCB-171	52663-71-5	0.0012	0.0012	UJ	0.0012
2,2',3,3',4,5,6-HpCB	PCB-173	68194-16-1	0.0015	0.0015	UJ	0.0015
2,2',3,3',4,5,5'-HpCB	PCB-172	52663-74-8	0.0013	0.0013	UJ	0.0013
2,3,3',4,5,5',6-HpCB	PCB-192	74472-51-8	0.0011	0.0011	UJ	0.0011
2,2',3,4,4',5,5'-HpCB	PCB-180	35065-29-3	0.0016	0.0016	UJ	0.0016
2,3,3',4',5,5',6-HpCB	PCB-193	69782-91-8	0.0009	0.0009	UJ	0.0009
2,3,3',4,4',5,6-HpCB	PCB-191	74472-50-7	0.001	0.001	UJ	0.001
2,2',3,3',4,4',5-HpCB	PCB-170	35065-30-6	0.0039	0.0015	NJ	0.0015
2,3,3',4,4',5,6-HpCB	PCB-190	41411-64-7	0.0009	0.0009	UJ	0.0009
2,3,3',4,4',5,5'-HpCB	PCB-189	39635-31-9	0.0037	0.0008	NJ	0.0008
2,2',3,3',5,5',6,6'-OcCB	PCB-202	2136-99-4	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,5',6,6'-OcCB	PCB-201	40186-71-8	0.0003	0.0003	UJ	0.0003
2,2',3,4,4',5,6,6'-OcCB	PCB-204	74472-52-9	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,4',6,6'-OcCB	PCB-197	33091-17-7	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,5,6,6'-OcCB	PCB-200	52663-73-7	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,5,5',6-OcCB	PCB-198	68194-17-2	0.0004	0.0004	UJ	0.0004
2,2',3,3',4,5,5',6'-OcCB	PCB-199	52663-75-9	0.0004	0.0004	UJ	0.0004
2,2',3,3',4,4',5,6-OcCB	PCB-196	42740-50-1	0.0007	0.0004	NJ	0.0004
2,2',3,4,4',5,5',6-OcCB	PCB-203	52663-76-0	0.0004	0.0004	UJ	0.0004
2,2',3,3',4,4',5,6-OcCB	PCB-195	52663-78-2	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,4',5,5'-OcCB	PCB-194	35694-08-7	0.001	0.0002	NJ	0.0002
2,3,3',4,4',5,5',6-OcCB	PCB-205	74472-53-0	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,5,5',6,6'-NoCB	PCB-208	52663-77-1	0.0027	0.0027	UJ	0.0027
2,2',3,3',4,4',5,6,6'-NoCB	PCB-207	52663-79-3	0.0025	0.0025	UJ	0.0025
2,2',3,3',4,4',5,5',6-NoCB	PCB-206	40186-72-9	0.0029	0.0029	UJ	0.0029
2,2',3,3',4,4',5,5',6,6'-DeCB	PCB-209	2051-24-3	0.0005	0.0005	UJ	0.0005

Homologs	# of Congeners			
Monochlorobiphenyls	3	0.93	0.0312	
Dichlorobiphenyls	12	0.0065	0.0065	UJ
Trichlorobiphenyls	24	0.0038	0.0038	UJ
Tetrachlorobiphenyls	42	0.0077	0.0014	BJ
Pentachlorobiphenyls	46	0.002	0.002	UJ
Hexachlorobiphenyls	42	0.0051	0.0003	BJ
Heptachlorobiphenyls	24	0.0008	0.0008	UJ
Octachlorobiphenyls	12	0.0002	0.0002	UJ
Nonachlorobiphenyls	3	0.0025	0.0025	UJ
Decachlorobiphenyl	1	0.0005	0.0005	UJ
<b>Total PCB</b>		<b>0.943</b>	<b>0.0002</b>	<b>B</b>



# DATA REPORT

Client:	City of Spokane	Contact: Jeff Donovan
Client ID:	PCB Product Sample (020-082114-1104)	Date Extracted: 12/3/2014
Field ID:	#14-15223 (Gasoline)	Date Analysed: 12/15/2014
PRL ID:	PR142937	HRMS File: FS12141413

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
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Surrogate Recoveries			Acceptance	
Chemical Name	IUPAC #	%	Min	Max
<sup>13</sup> C <sub>12</sub> -2-MoCB	1L	19	5	145
<sup>13</sup> C <sub>12</sub> -4-MoCB	3L	27	5	145
<sup>13</sup> C <sub>12</sub> -2,2'-DiCB	4L	35	5	145
<sup>13</sup> C <sub>12</sub> -4,4'-DiCB	15L	140	5	145
<sup>13</sup> C <sub>12</sub> -2,2',6'-TrCB	19L	64	5	145
<sup>13</sup> C <sub>12</sub> -3,4,4'-TrCB	37L	98	5	145
<sup>13</sup> C <sub>12</sub> -2,2',6,6'-TeCB	54L	41	5	145
<sup>13</sup> C <sub>12</sub> -3,4,4',5'-TeCB	81L	128	5	145
<sup>13</sup> C <sub>12</sub> -3,3',4,4'-TeCB	77L	107	10	145
<sup>13</sup> C <sub>12</sub> -2,2',4,6,6'-PeCB	104L	60	10	145
<sup>13</sup> C <sub>12</sub> -2',3,4,4',5'-PeCB	123L	59	10	145
<sup>13</sup> C <sub>12</sub> -2,3',4,4',5'-PeCB	118L	56	10	145
<sup>13</sup> C <sub>12</sub> -2,3,4,4',5'-PeCB	114L	56	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4'-PeCB	105L	49	10	145
<sup>13</sup> C <sub>12</sub> -3,3',4,4',5'-PeCB	126L	56	10	145
<sup>13</sup> C <sub>12</sub> -2,2',4,4',6,6'-HxCB	155L	55	10	145
<sup>13</sup> C <sub>12</sub> -2,3',4,4',5,5'-HxCB	167L	73	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5'-HxCB	156L	71	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5'-HxCB	157L	72	10	145
<sup>13</sup> C <sub>12</sub> -3,3',4,4',5,5'-HxCB	169L	67	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,4',5,6,6'-HpCB	188L	62	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5,5'-HpCB	189L	66	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',5,5',6,6'-OeCB	202L	71	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5,5',6-OeCB	205L	75	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',4',5,5',6,6'-NoCB	208L	93	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',4,4',5,5',6'-NoCB	206L	75	10	145
<sup>13</sup> C <sub>12</sub> -DeCB	209L	82	10	145
<sup>13</sup> C <sub>12</sub> -2,4,4'-TrCB	28L	83	5	145
<sup>13</sup> C <sub>12</sub> -2,3,3',5,5'-PeCB	111L	88	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',5,5',6'-HpCB	178L	75	10	145



# DATA REPORT

Client:	<u>City of Spokane</u>	Contact: <u>Jeff Donovan</u>
Client ID:	<u>PCB Product Sample (020-082114-1104)</u>	Date Extracted: <u>12/3/2014</u>
Field ID:	<u>#14-15223 (Gasoline)</u>	Date Analysed: <u>12/15/2014</u>
PRL ID:	<u>PR142937D</u>	HRMS File: <u>FS12141414</u>

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2-MoCB	PCB-001	2051-60-7	0.0252	0.0252	U	0.0252
3-MoCB	PCB-002	2051-61-8	0.808	0.0328		0.0328
4-MoCB	PCB-003	2051-62-9	0.0187	0.0187	UJ	0.0187
2,6-DiCB	PCB-010	33146-45-1	0.0115	0.0115	UJ	0.0115
2,2'-DiCB	PCB-004	13029-08-8	0.0319	0.0319	U	0.0319
2,5-DiCB	PCB-009	34883-39-1	0.0141	0.0141	UJ	0.0141
2,4-DiCB	PCB-007	33284-50-3	0.0077	0.0077	UJ	0.0077
2,3'-DiCB	PCB-006	25569-80-6	0.0121	0.0121	UJ	0.0121
2,3/2,4'-DiCB	PCB-005/008		0.0103	0.0103	UJ	0.0103
3,5-DiCB	PCB-014	34883-41-5	0.0126	0.0126	UJ	0.0126
3,3'-DiCB	PCB-011	2050-67-1	0.0136	0.0136	UJ	0.0136
3,4/3,4'-DiCB	PCB-012/013		0.0121	0.0121	UJ	0.0121
4,4'-DiCB	PCB-015	2050-68-2	0.0109	0.0109	UJ	0.0109
2,2',6-TrCB	PCB-019	38444-73-4	0.0115	0.0115	UJ	0.0115
2,4,6-TrCB	PCB-030	35693-92-6	0.0093	0.0093	UJ	0.0093
2,2',5-TrCB	PCB-018	37680-65-2	0.0128	0.0128	UJ	0.0128
2,2',4-TrCB	PCB-017	37680-66-3	0.0123	0.0123	UJ	0.0123
2,3,6-TrCB	PCB-024	55702-45-9	0.0107	0.0107	UJ	0.0107
2,3',6-TrCB	PCB-027	38444-76-7	0.0071	0.0071	UJ	0.0071
2,4',6-TrCB	PCB-032	38444-77-8	0.0092	0.0092	UJ	0.0092
2,2',3-TrCB	PCB-016	38444-78-9	0.0401	0.014	N	0.014
2,3,5-TrCB	PCB-023	55720-44-0	0.0504	0.0079	N	0.0079
2,3',5'-TrCB	PCB-034	37680-68-5	0.007	0.007	UJ	0.007
2,4,5-TrCB	PCB-029	15862-07-4	0.0046	0.0046	UJ	0.0046
2,3',5-TrCB	PCB-026	38444-81-4	0.0067	0.0067	UJ	0.0067
2,3',4-TrCB	PCB-025	55712-37-3	0.007	0.007	UJ	0.007
2,4',5-TrCB	PCB-031	16606-02-3	0.0281	0.0051	N	0.0051
2,4,4'-TrCB	PCB-028	7012-37-5	0.0074	0.0074	UJ	0.0074
2,3,4-TrCB	PCB-021	55702-46-0	0.0104	0.0104	UJ	0.0104
	PCB-020/033		0.007	0.007	UJ	0.007
2,3,4'-TrCB	PCB-022	38444-85-8	0.0322	0.0086	N	0.0086
3,3',5-TrCB	PCB-036	38444-87-0	0.0073	0.0056	NJ	0.0056
3,4',5-TrCB	PCB-039	38444-88-1	0.0096	0.0068	NJ	0.0068
3,4,5-TrCB	PCB-038	53555-66-1	0.0083	0.0083	UJ	0.0083
3,3',4-TrCB	PCB-035	37680-69-6	0.0072	0.0072	UJ	0.0072
3,4,4'-TrCB	PCB-037	38444-90-5	0.0135	0.0135	UJ	0.0135
2,2',6,6'-TeCB	PCB-054	15968-05-5	0.0016	0.0016	UJ	0.0016
2,2',4,6'-TeCB	PCB-050	62796-65-0	0.0027	0.0027	UJ	0.0027
2,2',5,6'-TeCB	PCB-053	41464-41-9	0.0029	0.0029	UJ	0.0029
2,2',4,6'-TeCB	PCB-051	68194-04-7	0.0027	0.0027	UJ	0.0027
2,2',3,6'-TeCB	PCB-045	70362-45-7	0.0028	0.0028	UJ	0.0028
2,2',3,6'-TeCB	PCB-046	41464-47-5	0.0034	0.0034	UJ	0.0034
	PCB-052/069		0.0043	0.0026	BJ	0.0026
2,3',5',6'-TeCB	PCB-073	74338-23-1	0.0019	0.0019	UJ	0.0019
	PCB-043/049		0.0028	0.0028	UJ	0.0028
	PCB-065/075		0.0064	0.0026	NJ	0.0026
	PCB-047/048		0.0033	0.0024	NJ	0.0024
2,3,4,6-TeCB	PCB-062	54230-22-7	0.0036	0.0017	NJ	0.0017
2,2',3,5'-TeCB	PCB-044	41464-39-5	0.0042	0.0042	UJ	0.0042
2,3,3',6-TeCB	PCB-059	74472-33-6	0.0022	0.0022	UJ	0.0022
2,2',3,4'-TeCB	PCB-042	36559-22-5	0.003	0.003	UJ	0.003
	PCB-064/072		0.0025	0.0025	UJ	0.0025



# DATA REPORT

Client:	<u>City of Spokane</u>	Contact: <u>Jeff Donovan</u>
Client ID:	<u>PCB Product Sample (020-082114-1104)</u>	Date Extracted: <u>12/3/2014</u>
Field ID:	<u>#14-15223 (Gasoline)</u>	Date Analysed: <u>12/15/2014</u>
PRL ID:	<u>PR142937D</u>	HRMS File: <u>FS12141414</u>

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3',4',6'-TeCB	PCB-071	41464-46-4	0.0018	0.0018	UJ	0.0018
2,2',3,4'-TeCB	PCB-041	52663-59-9	0.0027	0.0027	UJ	0.0027
2,3',4,5'-TeCB	PCB-068	73575-52-7	0.0022	0.0022	UJ	0.0022
	PCB-040/057		0.0027	0.0027	UJ	0.0027
2,3',4,5'-TeCB	PCB-067	73575-53-8	0.0037	0.0026	NJ	0.0026
2,3,4',5'-TeCB	PCB-063	74472-34-7	0.0056	0.0028	NJ	0.0028
2,3,3',5'-TeCB	PCB-058	41464-49-7	0.0016	0.0016	UJ	0.0016
2,3,4,5'-TeCB	PCB-061	33284-53-6	0.0037	0.0025	NJ	0.0025
2,4,4',5'-TeCB	PCB-074	32690-93-0	0.0023	0.0023	UJ	0.0023
2,3',4',5'-TeCB	PCB-070	32598-11-1	0.0036	0.0036	UJ	0.0036
	PCB-055/080		0.0023	0.0023	UJ	0.0023
2,3',4,4'-TeCB	PCB-066	32598-10-0	0.0029	0.0017	NJ	0.0017
2,3',4',5'-TeCB	PCB-076	70362-48-0	0.0025	0.0025	UJ	0.0025
2,3,4,4'-TeCB	PCB-060	33025-41-1	0.0039	0.0039	UJ	0.0039
2,3,3',4'-TeCB	PCB-056	41464-43-1	0.0018	0.0018	UJ	0.0018
3,3',4,5'-TeCB	PCB-079	41464-48-6	0.003	0.003	UJ	0.003
3,3',4,5'-TeCB	PCB-078	70362-49-1	0.0024	0.0024	UJ	0.0024
3,4,4',5'-TeCB	PCB-081	70362-50-4	0.0041	0.0041	UJ	0.0041
3,3',4,4'-TeCB	PCB-077	32598-13-3	0.0056	0.0035	NJ	0.0035
2,2',4,6,6'-PeCB	PCB-104	56558-16-8	0.0033	0.0033	UJ	0.0033
2,2',3,6,6'-PeCB	PCB-096	73575-54-9	0.0053	0.0053	UJ	0.0053
2,2',4,5',6'-PeCB	PCB-103	60145-21-3	0.0063	0.0063	UJ	0.0063
2,2',4,4',6'-PeCB	PCB-100	39485-83-1	0.0071	0.0071	UJ	0.0071
2,2',3,5,6'-PeCB	PCB-094	73575-55-0	0.0082	0.0082	UJ	0.0082
	PCB-093/098/102		0.0078	0.0078	UJ	0.0078
2,2',3,5',6'-PeCB	PCB-095	38379-99-6	0.0059	0.0059	UJ	0.0059
2,2',3,4,6'-PeCB	PCB-088	55215-17-3	0.0076	0.0076	UJ	0.0076
	PCB-091/121		0.0062	0.0062	UJ	0.0062
2,2',3,3',6'-PeCB	PCB-084	52663-60-2	0.008	0.008	UJ	0.008
2,2',3,5,5'-PeCB	PCB-092	52663-61-3	0.0084	0.0084	UJ	0.0084
2,2',3,4,6'-PeCB	PCB-089	73575-57-2	0.0167	0.0085	NJ	0.0085
2,2',3,4',5'-PeCB	PCB-090	68194-07-0	0.0091	0.0091	UJ	0.0091
2,2',4,5,5'-PeCB	PCB-101	37680-73-2	0.0068	0.0062	NJ	0.0062
2,3,3',5',6'-PeCB	PCB-113	68194-10-5	0.0064	0.0064	UJ	0.0064
2,2',4,4',5'-PeCB	PCB-099	38380-01-7	0.0069	0.0069	UJ	0.0069
	PCB-112/119		0.0058	0.0058	UJ	0.0058
	PCB-083/109		0.0075	0.0075	UJ	0.0075
	PCB-086/117		0.0087	0.0087	UJ	0.0087
	PCB-097/116		0.007	0.007	UJ	0.007
2,3',4',5',6'-PeCB	PCB-125	74472-39-2	0.0058	0.0058	UJ	0.0058
	PCB-087/115		0.0072	0.0072	UJ	0.0072
2,3,3',5,5'-PeCB	PCB-111	39635-32-0	0.0056	0.0056	UJ	0.0056
2,2',3,4,4'-PeCB	PCB-085	65510-45-4	0.0078	0.0078	UJ	0.0078
2,3',4,5,5'-PeCB	PCB-120	68194-12-7	0.0067	0.0067	UJ	0.0067
2,3,3',4',6'-PeCB	PCB-110	38380-03-9	0.0056	0.0056	UJ	0.0056
2,2',3,3',4'-PeCB	PCB-082	52663-62-4	0.0094	0.0094	UJ	0.0094
2,3',4',5,5'-PeCB	PCB-124	70424-70-3	0.0027	0.0027	UJ	0.0027
	PCB-107/108		0.0036	0.0036	UJ	0.0036
2,3',4,4',5'-PeCB	PCB-123	65510-44-3	0.004	0.004	UJ	0.004
2,3,3',4,5'-PeCB	PCB-106	70424-69-0	0.0032	0.0032	UJ	0.0032
2,3',4,4',5'-PeCB	PCB-118	31508-00-6	0.0041	0.0041	UJ	0.0041
2,3,4,4',5'-PeCB	PCB-114	74472-37-0	0.0046	0.0046	UJ	0.0046



# DATA REPORT

Client:	<u>City of Spokane</u>	Contact: <u>Jeff Donovan</u>
Client ID:	<u>PCB Product Sample (020-082114-1104)</u>	Date Extracted: <u>12/3/2014</u>
Field ID:	<u>#14-15223 (Gasoline)</u>	Date Analysed: <u>12/15/2014</u>
PRL ID:	<u>PR142937D</u>	HRMS File: <u>FS12141414</u>

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3,3',4',5'-PeCB	PCB-122	76842-07-4	0.0038	0.0038	UJ	0.0038
	PCB-105/127		0.0046	0.0046	UJ	0.0046
3,3',4,4',5'-PeCB	PCB-126	57465-28-8	0.0089	0.0089	UJ	0.0089
2,2',4,4',6,6'-HxCB	PCB-155	33979-03-2	0.0007	0.0007	UJ	0.0007
2,2',3,4',6,6'-HxCB	PCB-150	68194-08-1	0.0008	0.0008	UJ	0.0008
2,2',3,5,6,6'-HxCB	PCB-152	68194-09-2	0.0007	0.0007	UJ	0.0007
2,2',3,4,6,6'-HxCB	PCB-145	74472-40-5	0.0008	0.0008	UJ	0.0008
	PCB-136/148		0.0008	0.0008	UJ	0.0008
2,2',4,4',5,6'-HxCB	PCB-154	60145-22-4	0.0009	0.0009	UJ	0.0009
2,2',3,5,5',6'-HxCB	PCB-151	52663-63-5	0.001	0.001	UJ	0.001
2,2',3,3',5,6'-HxCB	PCB-135	52744-13-5	0.0011	0.0011	UJ	0.0011
2,2',3,4,5',6'-HxCB	PCB-144	68194-14-9	0.0011	0.0011	UJ	0.0011
2,2',3,4',5,6'-HxCB	PCB-147	68194-13-8	0.0009	0.0009	UJ	0.0009
	PCB-139/149		0.001	0.001	UJ	0.001
2,2',3,4,4',6'-HxCB	PCB-140	59291-64-4	0.0003	0.0003	UJ	0.0003
2,2',3,4,5,6'-HxCB	PCB-143	68194-15-0	0.0004	0.0004	UJ	0.0004
2,2',3,3',5,6'-HxCB	PCB-134	52704-70-8	0.0005	0.0005	UJ	0.0005
2,2',3,4,5,6'-HxCB	PCB-142	41411-61-4	0.0005	0.0005	UJ	0.0005
2,2',3,3',4,6'-HxCB	PCB-131	61798-70-7	0.0006	0.0006	UJ	0.0006
2,2',3,3',5,5'-HxCB	PCB-133	35694-04-3	0.0004	0.0004	UJ	0.0004
2,3,3',5,5',6'-HxCB	PCB-165	74472-46-1	0.0004	0.0004	UJ	0.0004
2,2',3,4',5,5'-HxCB	PCB-146	51908-16-8	0.0012	0.0004	NJ	0.0004
	PCB-132/161		0.0004	0.0004	UJ	0.0004
2,2',4,4',5,5'-HxCB	PCB-153	35065-27-1	0.0046	0.0004	NJ	0.0004
2,3',4,4',5',6'-HxCB	PCB-168	59291-65-5	0.0003	0.0003	UJ	0.0003
2,2',3,4,5,5'-HxCB	PCB-141	52712-04-6	0.0005	0.0005	UJ	0.0005
2,2',3,4,4',5'-HxCB	PCB-137	35694-06-5	0.0005	0.0005	UJ	0.0005
2,2',3,3',4,5'-HxCB	PCB-130	52663-66-8	0.0005	0.0005	UJ	0.0005
	PCB-163/164		0.0019	0.0004	NJ	0.0004
	PCB-138/160		0.0029	0.0004	J	0.0004
2,3,3',4,4',6'-HxCB	PCB-158	74472-42-7	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,5'-HxCB	PCB-129	55215-18-4	0.0005	0.0005	UJ	0.0005
2,3,4,4',5,6'-HxCB	PCB-166	41411-63-6	0.0004	0.0004	UJ	0.0004
2,3,3',4,5,5'-HxCB	PCB-159	39635-35-3	0.0003	0.0003	UJ	0.0003
	PCB-128/162		0.0009	0.0004	NJ	0.0004
2,3',4,4',5,5'-HxCB	PCB-167	52663-72-6	0.0004	0.0004	UJ	0.0004
2,3,3',4,4',5'-HxCB	PCB-156	38380-08-4	0.0004	0.0004	UJ	0.0004
2,3,3',4,4',5'-HxCB	PCB-157	69782-90-7	0.0004	0.0004	UJ	0.0004
3,3',4,4',5,5'-HxCB	PCB-169	32774-16-6	0.0007	0.0007	UJ	0.0007
2,2',3,4',5,6,6'-HpCB	PCB-188	74487-85-7	0.0008	0.0008	UJ	0.0008
2,2',3,4,4',6,6'-HpCB	PCB-184	74472-48-3	0.0007	0.0007	UJ	0.0007
2,2',3,3',5,6,6'-HpCB	PCB-179	52663-64-6	0.0007	0.0007	UJ	0.0007
2,2',3,3',4,6,6'-HpCB	PCB-176	52663-65-7	0.0007	0.0007	UJ	0.0007
2,2',3,4,5,6,6'-HpCB	PCB-186	74472-49-4	0.0008	0.0008	UJ	0.0008
2,2',3,3',5,5',6'-HpCB	PCB-178	52663-67-9	0.001	0.001	UJ	0.001
2,2',3,3',4,5',6'-HpCB	PCB-175	40186-70-7	0.001	0.001	UJ	0.001
	PCB-182/187		0.0027	0.001	NJ	0.001
2,2',3,4,4',5',6'-HpCB	PCB-183	52663-69-1	0.0009	0.0009	UJ	0.0009
2,2',3,4,5,5',6'-HpCB	PCB-185	52712-05-7	0.0011	0.0011	UJ	0.0011
2,2',3,3',4,5,6'-HpCB	PCB-174	38411-25-5	0.0011	0.0011	UJ	0.0011
2,2',3,4,4',5,6'-HpCB	PCB-181	74472-47-2	0.0011	0.0011	UJ	0.0011
2,2',3,3',4,5',6'-HpCB	PCB-177	52663-70-4	0.001	0.001	UJ	0.001



# DATA REPORT

Client:	City of Spokane	Contact: Jeff Donovan
Client ID:	PCB Product Sample (020-082114-1104)	Date Extracted: 12/3/2014
Field ID:	#14-15223 (Gasoline)	Date Analysed: 12/15/2014
PRL ID:	PR142937D	HRMS File: FS12141414

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,2',3,3',4,4',6-HpCB	PCB-171	52663-71-5	0.001	0.001	UJ	0.001
2,2',3,3',4,5,6-HpCB	PCB-173	68194-16-1	0.0012	0.0012	UJ	0.0012
2,2',3,3',4,5,5'-HpCB	PCB-172	52663-74-8	0.0011	0.0011	UJ	0.0011
2,3,3',4,5,5',6-HpCB	PCB-192	74472-51-8	0.0009	0.0009	UJ	0.0009
2,2',3,4,4',5,5'-HpCB	PCB-180	35065-29-3	0.0014	0.0014	UJ	0.0014
2,3,3',4',5,5',6-HpCB	PCB-193	69782-91-8	0.0007	0.0007	UJ	0.0007
2,3,3',4,4',5',6-HpCB	PCB-191	74472-50-7	0.0008	0.0008	UJ	0.0008
2,2',3,3',4,4',5-HpCB	PCB-170	35065-30-6	0.0056	0.0012	NJ	0.0012
2,3,3',4,4',5,6-HpCB	PCB-190	41411-64-7	0.0007	0.0007	UJ	0.0007
2,3,3',4,4',5,5'-HpCB	PCB-189	39635-31-9	0.004	0.0007	NJ	0.0007
2,2',3,3',5,5',6,6'-OcCB	PCB-202	2136-99-4	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,5',6,6'-OcCB	PCB-201	40186-71-8	0.0002	0.0002	UJ	0.0002
2,2',3,4,4',5,6,6'-OcCB	PCB-204	74472-52-9	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,4',6,6'-OcCB	PCB-197	33091-17-7	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,5,6,6'-OcCB	PCB-200	52663-73-7	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,5,5',6-OcCB	PCB-198	68194-17-2	0.0004	0.0004	UJ	0.0004
2,2',3,3',4,5,5',6'-OcCB	PCB-199	52663-75-9	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,4',5,6'-OcCB	PCB-196	42740-50-1	0.0003	0.0003	UJ	0.0003
2,2',3,4,4',5,5',6-OcCB	PCB-203	52663-76-0	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,4',5,6-OcCB	PCB-195	52663-78-2	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,4',5,5'-OcCB	PCB-194	35694-08-7	0.0002	0.0002	UJ	0.0002
2,3,3',4,4',5,5',6-OcCB	PCB-205	74472-53-0	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,5,5',6,6'-NoCB	PCB-208	52663-77-1	0.0045	0.0045	UJ	0.0045
2,2',3,3',4,4',5,6,6'-NoCB	PCB-207	52663-79-3	0.0038	0.0038	UJ	0.0038
2,2',3,3',4,4',5,5',6-NoCB	PCB-206	40186-72-9	0.004	0.004	UJ	0.004
2,2',3,3',4,4',5,5',6,6'-DeCB	PCB-209	2051-24-3	0.0028	0.0008	NJ	0.0008

Homologs	# of Congeners			
Monochlorobiphenyls	3	0.808	0.0187	
Dichlorobiphenyls	12	0.0077	0.0077	UJ
Trichlorobiphenyls	24	0.0046	0.0046	UJ
Tetrachlorobiphenyls	42	0.0043	0.0016	BJ
Pentachlorobiphenyls	46	0.0027	0.0027	UJ
Hexachlorobiphenyls	42	0.0029	0.0003	BJ
Heptachlorobiphenyls	24	0.0007	0.0007	UJ
Octachlorobiphenyls	12	0.0002	0.0002	UJ
Nonachlorobiphenyls	3	0.0038	0.0038	UJ
Decachlorobiphenyl	1	0.0008	0.0008	UJ
<b>Total PCB</b>		<b>0.815</b>	<b>0.0002</b>	<b>B</b>



# DATA REPORT

Client:	City of Spokane	Contact: Jeff Donovan
Client ID:	PCB Product Sample (020-082114-1104)	Date Extracted: 12/3/2014
Field ID:	#14-15223 (Gasoline)	Date Analysed: 12/15/2014
PRL ID:	PR142937D	HRMS File: FS12141414

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
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Surrogate Recoveries			Acceptance	
Chemical Name	IUPAC #	%	Min	Max
<sup>13</sup> C <sub>12</sub> -2-MoCB	1L	21	5	145
<sup>13</sup> C <sub>12</sub> -4-MoCB	3L	37	5	145
<sup>13</sup> C <sub>12</sub> -2,2'-DiCB	4L	35	5	145
<sup>13</sup> C <sub>12</sub> -4,4'-DiCB	15L	110	5	145
<sup>13</sup> C <sub>12</sub> -2,2',6'-TrCB	19L	63	5	145
<sup>13</sup> C <sub>12</sub> -3,4,4'-TrCB	37L	92	5	145
<sup>13</sup> C <sub>12</sub> -2,2',6,6'-TeCB	54L	46	5	145
<sup>13</sup> C <sub>12</sub> -3,4,4',5'-TeCB	81L	100	5	145
<sup>13</sup> C <sub>12</sub> -3,3',4,4'-TeCB	77L	95	10	145
<sup>13</sup> C <sub>12</sub> -2,2',4,6,6'-PeCB	104L	64	10	145
<sup>13</sup> C <sub>12</sub> -2',3,4,4',5'-PeCB	123L	52	10	145
<sup>13</sup> C <sub>12</sub> -2,3',4,4',5'-PeCB	118L	57	10	145
<sup>13</sup> C <sub>12</sub> -2,3,4,4',5'-PeCB	114L	48	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4'-PeCB	105L	53	10	145
<sup>13</sup> C <sub>12</sub> -3,3',4,4',5'-PeCB	126L	50	10	145
<sup>13</sup> C <sub>12</sub> -2,2',4,4',6,6'-HxCB	155L	60	10	145
<sup>13</sup> C <sub>12</sub> -2,3',4,4',5,5'-HxCB	167L	68	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5'-HxCB	156L	66	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5'-HxCB	157L	70	10	145
<sup>13</sup> C <sub>12</sub> -3,3',4,4',5,5'-HxCB	169L	69	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,4',5,6,6'-HpCB	188L	65	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5,5'-HpCB	189L	67	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',5,5',6,6'-OeCB	202L	84	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5,5',6-OeCB	205L	78	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',4',5,5',6,6'-NoCB	208L	82	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',4,4',5,5',6-NoCB	206L	80	10	145
<sup>13</sup> C <sub>12</sub> -DeCB	209L	80	10	145
<sup>13</sup> C <sub>12</sub> -2,4,4'-TrCB	28L	87	5	145
<sup>13</sup> C <sub>12</sub> -2,3,3',5,5'-PeCB	111L	80	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',5,5',6-HpCB	178L	79	10	145



# QC REPORT - BLANK

Client: City of Spokane  
 Client ID: BLANK  
 Field ID: Diesel and Gasoline  
 PRL ID: PC140999B

Contact: Jeff Donovan  
 Date Extracted: 12/3/2014  
 Date Analysed: 12/14/2014  
 HRMS File: FS12131423

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2-MoCB	PCB-001	2051-60-7	0.0011	0.0011	UJ	0.0011
3-MoCB	PCB-002	2051-61-8	0.0058	0.0024	J	0.0024
4-MoCB	PCB-003	2051-62-9	0.0059	0.0029	NJ	0.0029
2,6-DiCB	PCB-010	33146-45-1	0.0067	0.0036	J	0.0036
2,2'-DiCB	PCB-004	13029-08-8	0.0299	0.0031		0.0031
2,5-DiCB	PCB-009	34883-39-1	0.0043	0.0043	UJ	0.0043
2,4-DiCB	PCB-007	33284-50-3	0.0024	0.0024	UJ	0.0024
2,3'-DiCB	PCB-006	25569-80-6	0.0155	0.0037	J	0.0037
2,3/2,4'-DiCB	PCB-005/008		0.0853	0.0032		0.0032
3,5-DiCB	PCB-014	34883-41-5	0.0039	0.0039	UJ	0.0039
3,3'-DiCB	PCB-011	2050-67-1	0.203	0.0042		0.0042
3,4/3,4'-DiCB	PCB-012/013		0.0037	0.0037	UJ	0.0037
4,4'-DiCB	PCB-015	2050-68-2	0.0104	0.0104	UJ	0.0104
2,2',6-TrCB	PCB-019	38444-73-4	0.008	0.0018	NJ	0.0018
2,4,6-TrCB	PCB-030	35693-92-6	0.0021	0.0021	UJ	0.0021
2,2',5-TrCB	PCB-018	37680-65-2	0.114	0.0031		0.0031
2,2',4-TrCB	PCB-017	37680-66-3	0.0297	0.0028		0.0028
2,3,6-TrCB	PCB-024	55702-45-9	0.0024	0.0024	UJ	0.0024
2,3',6-TrCB	PCB-027	38444-76-7	0.0017	0.0017	UJ	0.0017
2,4',6-TrCB	PCB-032	38444-77-8	0.0153	0.0021	NJ	0.0021
2,2',3-TrCB	PCB-016	38444-78-9	0.0496	0.0032	N	0.0032
2,3,5-TrCB	PCB-023	55720-44-0	0.0019	0.0019	UJ	0.0019
2,3',5-TrCB	PCB-034	37680-68-5	0.0016	0.0016	UJ	0.0016
2,4,5-TrCB	PCB-029	15862-07-4	0.0011	0.0011	UJ	0.0011
2,3',5-TrCB	PCB-026	38444-81-4	0.0169	0.0016	J	0.0016
2,3',4-TrCB	PCB-025	55712-37-3	0.0017	0.0017	UJ	0.0017
2,4',5-TrCB	PCB-031	16606-02-3	0.0568	0.0013		0.0013
2,4,4'-TrCB	PCB-028	7012-37-5	0.0829	0.0017		0.0017
2,3,4-TrCB	PCB-021	55702-46-0	0.0024	0.0024	UJ	0.0024
	PCB-020/033		0.0684	0.0016		0.0016
2,3,4'-TrCB	PCB-022	38444-85-8	0.002	0.002	UJ	0.002
3,3',5-TrCB	PCB-036	38444-87-0	0.0013	0.0013	UJ	0.0013
3,4',5-TrCB	PCB-039	38444-88-1	0.0015	0.0015	UJ	0.0015
3,4,5-TrCB	PCB-038	53555-66-1	0.0019	0.0019	UJ	0.0019
3,3',4-TrCB	PCB-035	37680-69-6	0.0016	0.0016	UJ	0.0016
3,4,4'-TrCB	PCB-037	38444-90-5	0.0049	0.0049	UJ	0.0049
2,2',6,6'-TeCB	PCB-054	15968-05-5	0.0004	0.0004	UJ	0.0004
2,2',4,6'-TeCB	PCB-050	62796-65-0	0.0007	0.0007	UJ	0.0007
2,2',5,6'-TeCB	PCB-053	41464-41-9	0.01	0.0008	NJ	0.0008
2,2',4,6'-TeCB	PCB-051	68194-04-7	0.0054	0.0008	NJ	0.0008
2,2',3,6'-TeCB	PCB-045	70362-45-7	0.0008	0.0008	UJ	0.0008
2,2',3,6'-TeCB	PCB-046	41464-47-5	0.0074	0.001	J	0.001
	PCB-052/069		0.0628	0.0007		0.0007
2,3',5',6'-TeCB	PCB-073	74338-23-1	0.0005	0.0005	UJ	0.0005
	PCB-043/049		0.0296	0.0008		0.0008
	PCB-065/075		0.0007	0.0007	UJ	0.0007
	PCB-047/048		0.0256	0.0007		0.0007
2,3,4,6'-TeCB	PCB-062	54230-22-7	0.0182	0.0005	J	0.0005
2,2',3,5'-TeCB	PCB-044	41464-39-5	0.0531	0.0012		0.0012
2,3,3',6'-TeCB	PCB-059	74472-33-6	0.0006	0.0006	UJ	0.0006



# QC REPORT - BLANK

Client: City of Spokane  
 Client ID: BLANK  
 Field ID: Diesel and Gasoline  
 PRL ID: PC140999B

Contact: Jeff Donovan  
 Date Extracted: 12/3/2014  
 Date Analysed: 12/14/2014  
 HRMS File: FS12131423

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,2',3,4'-TeCB	PCB-042	36559-22-5	0.006	0.0008	NJ	0.0008
	PCB-064/072		0.0081	0.0007	NJ	0.0007
2,3',4',6-TeCB	PCB-071	41464-46-4	0.0044	0.0005	NJ	0.0005
2,2',3,4-TeCB	PCB-041	52663-59-9	0.0059	0.0008	NJ	0.0008
2,3',4,5'-TeCB	PCB-068	73575-52-7	0.0019	0.0006	NJ	0.0006
	PCB-040/057		0.0008	0.0008	UJ	0.0008
2,3',4,5-TeCB	PCB-067	73575-53-8	0.0007	0.0007	UJ	0.0007
2,3,4',5-TeCB	PCB-063	74472-34-7	0.0008	0.0008	UJ	0.0008
2,3,3',5'-TeCB	PCB-058	41464-49-7	0.0004	0.0004	UJ	0.0004
2,3,4,5-TeCB	PCB-061	33284-53-6	0.0007	0.0007	UJ	0.0007
2,4,4',5-TeCB	PCB-074	32690-93-0	0.0053	0.0007	J	0.0007
2,3',4',5-TeCB	PCB-070	32598-11-1	0.0151	0.001	J	0.001
	PCB-055/080		0.0081	0.0006	NJ	0.0006
2,3',4,4'-TeCB	PCB-066	32598-10-0	0.0061	0.0005	NJ	0.0005
2,3',4',5'-TeCB	PCB-076	70362-48-0	0.0007	0.0007	UJ	0.0007
2,3,4,4'-TeCB	PCB-060	33025-41-1	0.0051	0.0011	NJ	0.0011
2,3,3',4'-TeCB	PCB-056	41464-43-1	0.0005	0.0005	UJ	0.0005
3,3',4,5'-TeCB	PCB-079	41464-48-6	0.0008	0.0008	UJ	0.0008
3,3',4,5-TeCB	PCB-078	70362-49-1	0.0007	0.0007	UJ	0.0007
3,4,4',5-TeCB	PCB-081	70362-50-4	0.0015	0.0015	UJ	0.0015
3,3',4,4'-TeCB	PCB-077	32598-13-3	0.0015	0.0015	UJ	0.0015
2,2',4,6,6'-PeCB	PCB-104	56558-16-8	0.0007	0.0007	UJ	0.0007
2,2',3,6,6'-PeCB	PCB-096	73575-54-9	0.0008	0.0008	UJ	0.0008
2,2',4,5',6-PeCB	PCB-103	60145-21-3	0.001	0.001	UJ	0.001
2,2',4,4',6-PeCB	PCB-100	39485-83-1	0.0011	0.0011	UJ	0.0011
2,2',3,5,6'-PeCB	PCB-094	73575-55-0	0.0013	0.0013	UJ	0.0013
	PCB-093/098/102		0.0012	0.0012	NJ	0.0012
2,2',3,5',6-PeCB	PCB-095	38379-99-6	0.0135	0.0009	J	0.0009
2,2',3,4,6-PeCB	PCB-088	55215-17-3	0.0017	0.0012	NJ	0.0012
	PCB-091/121		0.001	0.001	UJ	0.001
	PCB-084	52663-60-2	0.0013	0.0013	UJ	0.0013
2,2',3,5',6-PeCB	PCB-092	52663-61-3	0.0028	0.0013	NJ	0.0013
2,2',3,4,6'-PeCB	PCB-089	73575-57-2	0.0013	0.0013	UJ	0.0013
2,2',3,4',5-PeCB	PCB-090	68194-07-0	0.0014	0.0014	UJ	0.0014
2,2',4,5,5'-PeCB	PCB-101	37680-73-2	0.0127	0.001	J	0.001
2,3,3',5',6-PeCB	PCB-113	68194-10-5	0.001	0.001	UJ	0.001
2,2',4,4',5-PeCB	PCB-099	38380-01-7	0.0011	0.0011	UJ	0.0011
	PCB-112/119		0.0009	0.0009	UJ	0.0009
	PCB-083/109		0.0012	0.0012	UJ	0.0012
	PCB-086/117		0.0014	0.0014	UJ	0.0014
2,3',4',5',6-PeCB	PCB-097/116		0.0011	0.0011	UJ	0.0011
	PCB-125	74472-39-2	0.002	0.0009	NJ	0.0009
2,3,3',5,5'-PeCB	PCB-111	39635-32-0	0.0009	0.0009	UJ	0.0009
2,2',3,4,4'-PeCB	PCB-085	65510-45-4	0.0012	0.0012	UJ	0.0012
2,3',4,5,5'-PeCB	PCB-120	68194-12-7	0.001	0.001	UJ	0.001
2,3,3',4',6-PeCB	PCB-110	38380-03-9	0.0073	0.0009	NJ	0.0009
2,2',3,3',4-PeCB	PCB-082	52663-62-4	0.0015	0.0015	UJ	0.0015
2,3',4',5,5'-PeCB	PCB-124	70424-70-3	0.0004	0.0004	UJ	0.0004
	PCB-107/108		0.0006	0.0006	UJ	0.0006



# QC REPORT - BLANK

Client: City of Spokane  
 Client ID: BLANK  
 Field ID: Diesel and Gasoline  
 PRL ID: PC140999B

Contact: Jeff Donovan  
 Date Extracted: 12/3/2014  
 Date Analysed: 12/14/2014  
 HRMS File: FS12131423

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3',4,4',5'-PeCB	PCB-123	65510-44-3	0.0006	0.0006	UJ	0.0006
2,3,3',4,5'-PeCB	PCB-106	70424-69-0	0.0005	0.0005	UJ	0.0005
2,3',4,4',5'-PeCB	PCB-118	31508-00-6	0.0048	0.0006	J	0.0006
2,3,4,4',5'-PeCB	PCB-114	74472-37-0	0.0006	0.0006	UJ	0.0006
2,3,3',4',5'-PeCB	PCB-122	76842-07-4	0.0006	0.0006	UJ	0.0006
	PCB-105/127		0.0007	0.0007	UJ	0.0007
3,3',4,4',5'-PeCB	PCB-126	57465-28-8	0.0011	0.0011	UJ	0.0011
2,2',4,4',6,6'-HxCB	PCB-155	33979-03-2	0.0003	0.0003	UJ	0.0003
2,2',3,4',6,6'-HxCB	PCB-150	68194-08-1	0.0004	0.0004	UJ	0.0004
2,2',3,5,6,6'-HxCB	PCB-152	68194-09-2	0.0004	0.0004	UJ	0.0004
2,2',3,4,6,6'-HxCB	PCB-145	74472-40-5	0.0004	0.0004	UJ	0.0004
	PCB-136/148		0.0004	0.0004	UJ	0.0004
2,2',4,4',5,6'-HxCB	PCB-154	60145-22-4	0.0004	0.0004	UJ	0.0004
2,2',3,5,5',6'-HxCB	PCB-151	52663-63-5	0.0005	0.0005	UJ	0.0005
2,2',3,3',5,6'-HxCB	PCB-135	52744-13-5	0.0006	0.0006	UJ	0.0006
2,2',3,4,5',6'-HxCB	PCB-144	68194-14-9	0.0006	0.0006	UJ	0.0006
2,2',3,4',5,6'-HxCB	PCB-147	68194-13-8	0.0005	0.0005	UJ	0.0005
	PCB-139/149		0.0146	0.0005	J	0.0005
2,2',3,4,4',6'-HxCB	PCB-140	59291-64-4	0.0002	0.0002	UJ	0.0002
2,2',3,4,5,6'-HxCB	PCB-143	68194-15-0	0.0002	0.0002	UJ	0.0002
2,2',3,3',5,6'-HxCB	PCB-134	52704-70-8	0.0003	0.0003	UJ	0.0003
2,2',3,4,5,6'-HxCB	PCB-142	41411-61-4	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,6'-HxCB	PCB-131	61798-70-7	0.0003	0.0003	UJ	0.0003
2,2',3,3',5,5'-HxCB	PCB-133	35694-04-3	0.0002	0.0002	UJ	0.0002
2,3,3',5,5',6'-HxCB	PCB-165	74472-46-1	0.0002	0.0002	UJ	0.0002
2,2',3,4',5,5'-HxCB	PCB-146	51908-16-8	0.0002	0.0002	UJ	0.0002
	PCB-132/161		0.0004	0.0002	NJ	0.0002
2,2',4,4',5,5'-HxCB	PCB-153	35065-27-1	0.0084	0.0002	J	0.0002
2,3',4,4',5',6'-HxCB	PCB-168	59291-65-5	0.0002	0.0002	UJ	0.0002
2,2',3,4,5,5'-HxCB	PCB-141	52712-04-6	0.0002	0.0002	UJ	0.0002
2,2',3,4,4',5'-HxCB	PCB-137	35694-06-5	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,5'-HxCB	PCB-130	52663-66-8	0.0002	0.0002	UJ	0.0002
	PCB-163/164		0.0008	0.0002	NJ	0.0002
	PCB-138/160		0.0026	0.0002	NJ	0.0002
2,3,3',4,4',6'-HxCB	PCB-158	74472-42-7	0.0008	0.0002	NJ	0.0002
2,2',3,3',4,5'-HxCB	PCB-129	55215-18-4	0.0003	0.0003	UJ	0.0003
2,3,4,4',5,6'-HxCB	PCB-166	41411-63-6	0.0002	0.0002	UJ	0.0002
2,3,3',4,5,5'-HxCB	PCB-159	39635-35-3	0.0002	0.0002	NJ	0.0002
	PCB-128/162		0.0002	0.0002	UJ	0.0002
2,3',4,4',5,5'-HxCB	PCB-167	52663-72-6	0.0002	0.0002	UJ	0.0002
2,3,3',4,4',5'-HxCB	PCB-156	38380-08-4	0.0002	0.0002	UJ	0.0002
2,3,3',4,4',5'-HxCB	PCB-157	69782-90-7	0.0002	0.0002	UJ	0.0002
3,3',4,4',5,5'-HxCB	PCB-169	32774-16-6	0.0003	0.0003	UJ	0.0003
2,2',3,4',5,6',6'-HpCB	PCB-188	74487-85-7	0.0001	0.0001	UJ	0.0001
2,2',3,4,4',6,6'-HpCB	PCB-184	74472-48-3	0.0001	0.0001	UJ	0.0001
2,2',3,3',5,6',6'-HpCB	PCB-179	52663-64-6	0.0002	0.0001	NJ	0.0001
2,2',3,3',4,6,6'-HpCB	PCB-176	52663-65-7	0.0001	0.0001	UJ	0.0001
2,2',3,4,5,6,6'-HpCB	PCB-186	74472-49-4	0.0001	0.0001	UJ	0.0001
2,2',3,3',5,5',6'-HpCB	PCB-178	52663-67-9	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,5',6'-HpCB	PCB-175	40186-70-7	0.0002	0.0002	UJ	0.0002



# QC REPORT - BLANK

Client: City of Spokane  
 Client ID: BLANK  
 Field ID: Diesel and Gasoline  
 PRL ID: PC140999B

Contact: Jeff Donovan  
 Date Extracted: 12/3/2014  
 Date Analysed: 12/14/2014  
 HRMS File: FS12131423

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
	PCB-182/187		0.0002	0.0002	UJ	0.0002
2,2',3,4,4',5',6'-HpCB	PCB-183	52663-69-1	0.0002	0.0002	UJ	0.0002
2,2',3,4,5,5',6'-HpCB	PCB-185	52712-05-7	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,5,6'-HpCB	PCB-174	38411-25-5	0.0002	0.0002	UJ	0.0002
2,2',3,4,4',5,6'-HpCB	PCB-181	74472-47-2	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,5,6'-HpCB	PCB-177	52663-70-4	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,4',6'-HpCB	PCB-171	52663-71-5	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,5,6'-HpCB	PCB-173	68194-16-1	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,5,5'-HpCB	PCB-172	52663-74-8	0.0002	0.0002	UJ	0.0002
2,3,3',4,5,5',6'-HpCB	PCB-192	74472-51-8	0.0002	0.0002	UJ	0.0002
2,2',3,4,4',5,5'-HpCB	PCB-180	35065-29-3	0.0002	0.0002	UJ	0.0002
2,3,3',4,5,5',6'-HpCB	PCB-193	69782-91-8	0.0001	0.0001	UJ	0.0001
2,3,3',4,4',5,6'-HpCB	PCB-191	74472-50-7	0.0001	0.0001	UJ	0.0001
2,2',3,3',4,4',5'-HpCB	PCB-170	35065-30-6	0.0002	0.0002	UJ	0.0002
2,3,3',4,4',5,6'-HpCB	PCB-190	41411-64-7	0.0001	0.0001	UJ	0.0001
2,3,3',4,4',5,5'-HpCB	PCB-189	39635-31-9	0.0001	0.0001	UJ	0.0001
2,2',3,3',5,5',6,6'-OoCB	PCB-202	2136-99-4	0.0001	0.0001	UJ	0.0001
2,2',3,3',4,5',6,6'-OoCB	PCB-201	40186-71-8	0.0001	0.0001	UJ	0.0001
2,2',3,4,4',5,6,6'-OoCB	PCB-204	74472-52-9	0.0001	0.0001	UJ	0.0001
2,2',3,3',4,4',6,6'-OoCB	PCB-197	33091-17-7	0.0001	0.0001	UJ	0.0001
2,2',3,3',4,5,6,6'-OoCB	PCB-200	52663-73-7	0.0001	0.0001	UJ	0.0001
2,2',3,3',4,5,5',6'-OoCB	PCB-198	68194-17-2	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,5,5',6'-OoCB	PCB-199	52663-75-9	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,4',5,6'-OoCB	PCB-196	42740-50-1	0.0002	0.0002	UJ	0.0002
2,2',3,4,4',5,5',6'-OoCB	PCB-203	52663-76-0	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,4',5,6'-OoCB	PCB-195	52663-78-2	0.0001	0.0001	UJ	0.0001
2,2',3,3',4,4',5,5'-OoCB	PCB-194	35694-08-7	0.0001	0.0001	UJ	0.0001
2,3,3',4,4',5,5',6'-OoCB	PCB-205	74472-53-0	0.0001	0.0001	UJ	0.0001
2,2',3,3',4,5,5',6,6'-NoCB	PCB-208	52663-77-1	0.0008	0.0008	UJ	0.0008
2,2',3,3',4,4',5,6,6'-NoCB	PCB-207	52663-79-3	0.0012	0.0009	NJ	0.0009
2,2',3,3',4,4',5,5',6'-NoCB	PCB-206	40186-72-9	0.0011	0.0011	UJ	0.0011
2,2',3,3',4,4',5,5',6,6'-DeCB	PCB-209	2051-24-3	0.0006	0.0001	NJ	0.0001

Homologs	# of Congeners			
Monochlorobiphenyls	3	0.0058	0.0011	J
Dichlorobiphenyls	12	0.34	0.0024	
Trichlorobiphenyls	24	0.369	0.0011	
Tetrachlorobiphenyls	42	0.217	0.0004	
Pentachlorobiphenyls	46	0.031	0.0004	
Hexachlorobiphenyls	42	0.023	0.0002	
Heptachlorobiphenyls	24	0.0001	0.0001	UJ
Octachlorobiphenyls	12	0.0001	0.0001	UJ
Nonachlorobiphenyls	3	0.0008	0.0008	UJ
Decachlorobiphenyl	1	0.0001	0.0001	UJ
<b>Total PCB</b>		<b>0.986</b>	<b>0.0001</b>	



# QC REPORT - BLANK

Client: City of Spokane  
 Client ID: BLANK  
 Field ID: Diesel and Gasoline  
 PRL ID: PC140999B

Contact: Jeff Donovan  
 Date Extracted: 12/3/2014  
 Date Analysed: 12/14/2014  
 HRMS File: FS12131423

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
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Surrogate Recoveries			Acceptance	
Chemical Name	IUPAC #	%	Min	Max
<sup>13</sup> C <sub>12</sub> -2-MoCB	1L	44	5	145
<sup>13</sup> C <sub>12</sub> -4-MoCB	3L	36	5	145
<sup>13</sup> C <sub>12</sub> -2,2'-DiCB	4L	51	5	145
<sup>13</sup> C <sub>12</sub> -4,4'-DiCB	15L	38	5	145
<sup>13</sup> C <sub>12</sub> -2,2',6'-TriCB	19L	44	5	145
<sup>13</sup> C <sub>12</sub> -3,4,4'-TriCB	37L	72	5	145
<sup>13</sup> C <sub>12</sub> -2,2',6,6'-TeCB	54L	60	5	145
<sup>13</sup> C <sub>12</sub> -3,4,4',5'-TeCB	81L	89	5	145
<sup>13</sup> C <sub>12</sub> -3,3',4,4'-TeCB	77L	53	10	145
<sup>13</sup> C <sub>12</sub> -2,2',4,6,6'-PeCB	104L	47	10	145
<sup>13</sup> C <sub>12</sub> -2',3,4,4',5'-PeCB	123L	67	10	145
<sup>13</sup> C <sub>12</sub> -2,3',4,4',5'-PeCB	118L	68	10	145
<sup>13</sup> C <sub>12</sub> -2,3,4,4',5'-PeCB	114L	61	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4'-PeCB	105L	70	10	145
<sup>13</sup> C <sub>12</sub> -3,3',4,4',5'-PeCB	126L	72	10	145
<sup>13</sup> C <sub>12</sub> -2,2',4,4',6,6'-HxCB	155L	73	10	145
<sup>13</sup> C <sub>12</sub> -2,3',4,4',5,5'-HxCB	167L	65	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5-HxCB	156L	78	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5'-HxCB	157L	66	10	145
<sup>13</sup> C <sub>12</sub> -3,3',4,4',5,5'-HxCB	169L	88	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,4',5,6,6'-HpCB	188L	75	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5,5'-HpCB	189L	84	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',5,5',6,6'-OeCB	202L	89	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5,5',6-OeCB	205L	72	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',4',5,5',6,6'-NoCB	208L	98	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',4,4',5,5',6-NoCB	206L	65	10	145
<sup>13</sup> C <sub>12</sub> -DeCB	209L	77	10	145
<sup>13</sup> C <sub>12</sub> -2,4,4'-TriCB	28L	63	5	145
<sup>13</sup> C <sub>12</sub> -2,3,3',5'-PeCB	111L	71	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',5,5',6'-HpCB	178L	80	10	145



# QC REPORT - SPIKE

Project:	City of Spokane	Contact:	Jeff Donovan
Client ID:	SPIKE (LCS)	Date Extracted:	12/3/2014
Field ID:	Diesel and Gasoline	Date Analysed:	12/14/2014
PRL ID:	PC141000S	HRMS File:	FS12131420

Polychlorinated Biphenyls					Accept. Recovery		Pass/Fail	Surrogate
Chemical Name	IUPAC #	CAS No.	LOF ug/Kg	Recovery %	Min %	Max %		Recoveries %
2-MoCB	PCB-001	2051-60-7	0.1	126.7	60	135	Pass	37
4-MoCB	PCB-003	2051-62-9	0.1	104.4	60	135	Pass	23
2,6-DiCB	PCB-010	33146-45-1	0.1	130.0				-
2,2'-DiCB	PCB-004	13029-08-8	0.1	127.1	60	135	Pass	55
	PCB-005/008		0.1	147.1				-
4,4'-DiCB	PCB-015	2050-68-2	0.1	114.6	60	135	Pass	23
2,2',6-TrCB	PCB-019	38444-73-4	0.1	103.0	60	135	Pass	53
2,2',5-TrCB	PCB-018	37680-65-2	0.1	91.7				-
2,4,4'-TrCB	PCB-028	7012-37-5	0.1	73.8				-
	PCB-020/033		0.1	78.2				-
2,3,4'-TrCB	PCB-022	38444-85-8	0.1	71.8				-
3,4,4'-TrCB	PCB-037	38444-90-5	0.1	102.7	60	135	Pass	69
2,2',6,6'-TeCB	PCB-054	15968-05-5	0.1	114.6	60	135	Pass	64
	PCB-052/069		0.1	97.0				-
	PCB-043/049		0.1	118.6				-
2,2',3,5'-TeCB	PCB-044	41464-39-5	0.1	139.2				-
2,2',3,4'-TeCB	PCB-041	52663-59-9	0.1	63.6				-
2,2',3,3'-TeCB	PCB-040	38444-93-8	0.1	76.5				-
2,4,4',5'-TeCB	PCB-074	32690-93-0	0.1	116.6				-
2,3',4',5'-TeCB	PCB-070	32598-11-1	0.1	150.2				-
2,3',4,4'-TeCB	PCB-066	32598-10-0	0.1	66.0				-
2,3,4,4'-TeCB	PCB-060	33025-41-1	0.1	61.8				-
3,4,4',5'-TeCB	PCB-081	70362-50-4	0.1	106.7	60	135	Pass	66
3,3',4,4'-TeCB	PCB-077	32598-13-3	0.1	88.2	60	135	Pass	43
2,2',4,6,6'-PeCB	PCB-104	56558-16-8	0.1	107.5	60	135	Pass	58
2,2',3,5',6'-PeCB	PCB-095	38379-99-6	0.1	91.5				-
2,2',3,4',5'-PeCB	PCB-090	68194-07-0	0.1	65.5				-
2,2',4,5,5'-PeCB	PCB-101	37680-73-2	0.1	124.9				-
2,2',4,4',5'-PeCB	PCB-099	38380-01-7	0.1	115.4				-
2,3',4,4',6'-PeCB	PCB-119	56558-17-9	0.1	108.6				-
	PCB-087/115		0.1	98.3				-
2,3,3',4',6'-PeCB	PCB-110	38380-03-9	0.1	131.2				-
2,3',4,4',5'-PeCB	PCB-123	65510-44-3	0.1	96.5	60	135	Pass	63
2,3',4,4',5'-PeCB	PCB-118	31508-00-6	0.1	101.1	60	135	Pass	62
2,3,4,4',5'-PeCB	PCB-114	74472-37-0	0.1	112.6	60	135	Pass	60
2,3,3',4,4'-PeCB	PCB-105	32598-14-4	0.1	97.1	60	135	Pass	77
3,3',4,4',5'-PeCB	PCB-126	57465-28-8	0.1	100.3	60	135	Pass	74
2,2',4,4',6,6'-HxCB	PCB-155	33979-03-2	0.1	116.2	60	135	Pass	72
2,2',3,5,5',6'-HxCB	PCB-151	52663-63-5	0.1	88.9				-
	PCB-139/149		0.1	130.2				-
2,2',4,4',5,5'-HxCB	PCB-153	35065-27-1	0.1	88.3				-
2,3',4,4',5',6'-HxCB	PCB-168	59291-65-5	0.1	110.9				-
2,2',3,4,5,5'-HxCB	PCB-141	52712-04-6	0.1	72.7				-
2,2',3,4,4',5'-HxCB	PCB-137	35694-06-5	0.1	75.2				-
2,2',3,4,4',5'-HxCB	PCB-138	35065-28-2	0.1	82.1				-
2,3,3',4,4',6'-HxCB	PCB-158	74472-42-7	0.1	87.8				-
2,2',3,3',4,5'-HxCB	PCB-129	55215-18-4	0.1	70.8				-
2,2',3,3',4,4'-HxCB	PCB-128	38380-07-3	0.1	82.8				-
2,3',4,4',5,5'-HxCB	PCB-167	52663-72-6	0.1	117.0	60	135	Pass	75
2,3,3',4,4',5'-HxCB	PCB-156	38380-08-4	0.1	97.8	60	135	Pass	81
2,3,3',4,4',5'-HxCB	PCB-157	69782-90-7	0.1	116.7	60	135	Pass	78
3,3',4,4',5,5'-HxCB	PCB-169	32774-16-6	0.1	103.7	60	135	Pass	74



# QC REPORT - SPIKE

Project:	City of Spokane	Contact:	Jeff Donovan
Client ID:	SPIKE (LCS)	Date Extracted:	12/3/2014
Field ID:	Diesel and Gasoline	Date Analysed:	12/14/2014
PRL ID:	PC141000S	HRMS File:	FS12131420

Polychlorinated Biphenyls					Accept. Recovery		Pass/Fail	Surrogate
Chemical Name	IUPAC #	CAS No.	LOF ug/Kg	Recovery %	Min %	Max %		Recoveries %
2,2',3,4',5,6,6'-HpCB	PCB-188	74487-85-7	0.1	108.7	60	135	Pass	78
2,2',3,3',5,5',6-HpCB	PCB-178	52663-67-9	0.1	97.9				-
	PCB-182/187		0.1	90.6				-
2,2',3,4,4',5',6-HpCB	PCB-183	52663-69-1	0.1	93.4				-
2,2',3,3',4,5',6'-HpCB	PCB-177	52663-70-4	0.1	106.8				-
2,2',3,3',4,4',6-HpCB	PCB-171	52663-71-5	0.1	98.7				-
2,2',3,4,4',5,5'-HpCB	PCB-180	35065-29-3	0.1	123.9				-
2,3,3',4',5,5',6-HpCB	PCB-193	69782-91-8	0.1	77.5				-
2,3,3',4,4',5',6-HpCB	PCB-191	74472-50-7	0.1	117.2				-
2,2',3,3',4,4',5-HpCB	PCB-170	35065-30-6	0.1	116.4				-
2,3,3',4,4',5,5'-HpCB	PCB-189	39635-31-9	0.1	102.9	60	135	Pass	76
2,2',3,3',5,5',6,6'-OcCB	PCB-202	2136-99-4	0.1	109.4	60	135	Pass	96
2,2',3,3',4,5',6,6'-OcCB	PCB-201	40186-71-8	0.1	112.7				-
2,2',3,3',4,5,5',6'-OcCB	PCB-199	52663-75-9	0.1	118.7				-
2,2',3,4,4',5,5',6-OcCB	PCB-203	52663-76-0	0.1	92.2				-
2,2',3,3',4,4',5,5'-OcCB	PCB-194	35694-08-7	0.1	94.5				-
2,3,3',4,4',5,5',6-OcCB	PCB-205	74472-53-0	0.1	98.4	60	135	Pass	74
2,2',3,3',4,5,5',6,6'-NoCB	PCB-208	52663-77-1	0.1	101.8	60	135	Pass	86
2,2',3,3',4,4',5,5',6-NoCB	PCB-206	40186-72-9	0.1	102.1	60	135	Pass	75
2,2',3,3',4,4',5,5',6,6'-DeCB	PCB-209	2051-24-3	0.1	93.4	60	135	Pass	93

LOF - level of fortification



**DATA REPORT**

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	PCB Product Sample (006-082714-1045)	Date Extracted:	12/3/2014
Field ID:	#14-15224 (aerosol paint)	Date Analysed:	12/13/2014
PRL ID:	PR142938	HRMS File:	FS12131407

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2-MoCB	PCB-001	2051-60-7	0.0273	0.0043		0.0043
3-MoCB	PCB-002	2051-61-8	0.0099	0.0099	UJ	0.0099
4-MoCB	PCB-003	2051-62-9	0.0136	0.0136	UJ	0.0136
2,6-DiCB	PCB-010	33146-45-1	0.0146	0.0146	UJ	0.0146
2,2'-DiCB	PCB-004	13029-08-8	0.252	0.0127		0.0127
2,5-DiCB	PCB-009	34883-39-1	0.0178	0.0178	UJ	0.0178
2,4-DiCB	PCB-007	33284-50-3	0.0098	0.0098	UJ	0.0098
2,3'-DiCB	PCB-006	25569-80-6	1.66	0.0153		0.0153
2,3/2,4'-DiCB	PCB-005/008		0.682	0.0131		0.0131
3,5-DiCB	PCB-014	34883-41-5	0.016	0.016	UJ	0.016
3,3'-DiCB	PCB-011	2050-67-1	0.631	0.0173		0.0173
3,4/3,4'-DiCB	PCB-012/013		0.0154	0.0154	UJ	0.0154
4,4'-DiCB	PCB-015	2050-68-2	0.0446	0.0446	U	0.0446
2,2',6-TrCB	PCB-019	38444-73-4	0.0018	0.0018	UJ	0.0018
2,4,6-TrCB	PCB-030	35693-92-6	0.0024	0.0024	UJ	0.0024
2,2',5-TrCB	PCB-018	37680-65-2	0.0153	0.0028	J	0.0028
2,2',4-TrCB	PCB-017	37680-66-3	0.0056	0.0032	NJ	0.0032
2,3,6-TrCB	PCB-024	55702-45-9	0.0028	0.0028	UJ	0.0028
2,3',6-TrCB	PCB-027	38444-76-7	0.0016	0.0016	UJ	0.0016
2,4',6-TrCB	PCB-032	38444-77-8	0.0024	0.0024	UJ	0.0024
2,2',3-TrCB	PCB-016	38444-78-9	0.0136	0.0037	J	0.0037
2,3,5-TrCB	PCB-023	55720-44-0	0.0017	0.0017	UJ	0.0017
2,3',5'-TrCB	PCB-034	37680-68-5	0.0018	0.0018	UJ	0.0018
2,4,5-TrCB	PCB-029	15862-07-4	0.0032	0.001	J	0.001
2,3',5-TrCB	PCB-026	38444-81-4	0.0015	0.0015	UJ	0.0015
2,3',4-TrCB	PCB-025	55712-37-3	0.0084	0.0015	J	0.0015
2,4',5-TrCB	PCB-031	16606-02-3	0.0011	0.0011	UJ	0.0011
2,4,4'-TrCB	PCB-028	7012-37-5	0.0069	0.0019	NJ	0.0019
2,3,4-TrCB	PCB-021	55702-46-0	0.0027	0.0027	UJ	0.0027
	PCB-020/033		0.0028	0.0018	NJ	0.0018
2,3,4'-TrCB	PCB-022	38444-85-8	0.0035	0.0023	NJ	0.0023
3,3',5-TrCB	PCB-036	38444-87-0	0.0015	0.0015	UJ	0.0015
3,4',5-TrCB	PCB-039	38444-88-1	0.0018	0.0018	UJ	0.0018
3,4,5-TrCB	PCB-038	53555-66-1	0.0022	0.0022	UJ	0.0022
3,3',4-TrCB	PCB-035	37680-69-6	0.0019	0.0019	UJ	0.0019
3,4,4'-TrCB	PCB-037	38444-90-5	0.008	0.008	UJ	0.008
2,2',6,6'-TeCB	PCB-054	15968-05-5	0.0007	0.0007	UJ	0.0007
2,2',4,6'-TeCB	PCB-050	62796-65-0	0.0013	0.0013	UJ	0.0013
2,2',5,6'-TeCB	PCB-053	41464-41-9	0.0014	0.0014	UJ	0.0014
2,2',4,6'-TeCB	PCB-051	68194-04-7	0.0013	0.0013	UJ	0.0013
2,2',3,6'-TeCB	PCB-045	70362-45-7	0.0014	0.0014	UJ	0.0014
2,2',3,6'-TeCB	PCB-046	41464-47-5	0.0017	0.0017	UJ	0.0017
	PCB-052/069		0.0017	0.0013	NJ	0.0013
2,3',5',6'-TeCB	PCB-073	74338-23-1	0.0009	0.0009	UJ	0.0009
	PCB-043/049		0.0014	0.0014	UJ	0.0014
	PCB-065/075		0.0013	0.0013	UJ	0.0013
	PCB-047/048		0.0012	0.0012	UJ	0.0012
2,3,4,6'-TeCB	PCB-062	54230-22-7	0.0049	0.0009	NJ	0.0009
2,2',3,5'-TeCB	PCB-044	41464-39-5	0.0021	0.0021	UJ	0.0021
2,3,3',6'-TeCB	PCB-059	74472-33-6	0.0011	0.0011	UJ	0.0011
2,2',3,4'-TeCB	PCB-042	36559-22-5	0.0015	0.0015	UJ	0.0015
	PCB-064/072		0.0012	0.0012	UJ	0.0012



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Client ID:	<u>PCB Product Sample (006-082714-1045)</u>	Date Extracted: <u>12/3/2014</u>
Field ID:	<u>#14-15224 (aerosol paint)</u>	Date Analysed: <u>12/13/2014</u>
PRL ID:	<u>PR142938</u>	HRMS File: <u>FS12131407</u>

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3',4',6'-TeCB	PCB-071	41464-46-4	0.0009	0.0009	UJ	0.0009
2,2',3,4'-TeCB	PCB-041	52663-59-9	0.0013	0.0013	UJ	0.0013
2,3',4,5'-TeCB	PCB-068	73575-52-7	0.0011	0.0011	UJ	0.0011
	PCB-040/057		0.0013	0.0013	UJ	0.0013
2,3',4,5'-TeCB	PCB-067	73575-53-8	0.0013	0.0013	UJ	0.0013
2,3,4',5'-TeCB	PCB-063	74472-34-7	0.0014	0.0014	UJ	0.0014
2,3,3',5'-TeCB	PCB-058	41464-49-7	0.0008	0.0008	UJ	0.0008
2,3,4,5'-TeCB	PCB-061	33284-53-6	0.0012	0.0012	UJ	0.0012
2,4,4',5'-TeCB	PCB-074	32690-93-0	0.0012	0.0012	UJ	0.0012
2,3',4',5'-TeCB	PCB-070	32598-11-1	0.0018	0.0018	UJ	0.0018
	PCB-055/080		0.0011	0.0011	UJ	0.0011
2,3',4,4'-TeCB	PCB-066	32598-10-0	0.0008	0.0008	UJ	0.0008
2,3',4',5'-TeCB	PCB-076	70362-48-0	0.0013	0.0013	UJ	0.0013
2,3,4,4'-TeCB	PCB-060	33025-41-1	0.0019	0.0019	UJ	0.0019
2,3,3',4'-TeCB	PCB-056	41464-43-1	0.0009	0.0009	UJ	0.0009
3,3',4,5'-TeCB	PCB-079	41464-48-6	0.0015	0.0015	UJ	0.0015
3,3',4,5'-TeCB	PCB-078	70362-49-1	0.0012	0.0012	UJ	0.0012
3,4,4',5'-TeCB	PCB-081	70362-50-4	0.0023	0.0023	UJ	0.0023
3,3',4,4'-TeCB	PCB-077	32598-13-3	0.0023	0.0023	UJ	0.0023
2,2',4,6,6'-PeCB	PCB-104	56558-16-8	0.0016	0.0016	UJ	0.0016
2,2',3,6,6'-PeCB	PCB-096	73575-54-9	0.0018	0.0018	UJ	0.0018
2,2',4,5',6'-PeCB	PCB-103	60145-21-3	0.0021	0.0021	UJ	0.0021
2,2',4,4',6'-PeCB	PCB-100	39485-83-1	0.0024	0.0024	UJ	0.0024
2,2',3,5,6'-PeCB	PCB-094	73575-55-0	0.0027	0.0027	UJ	0.0027
	PCB-093/098/102		0.0026	0.0026	UJ	0.0026
2,2',3,5',6'-PeCB	PCB-095	38379-99-6	0.002	0.002	UJ	0.002
2,2',3,4,6'-PeCB	PCB-088	55215-17-3	0.0025	0.0025	UJ	0.0025
	PCB-091/121		0.0021	0.0021	UJ	0.0021
2,2',3,3',6'-PeCB	PCB-084	52663-60-2	0.0027	0.0027	UJ	0.0027
2,2',3,5,5'-PeCB	PCB-092	52663-61-3	0.0028	0.0028	UJ	0.0028
2,2',3,4,6'-PeCB	PCB-089	73575-57-2	0.0028	0.0028	UJ	0.0028
2,2',3,4',5'-PeCB	PCB-090	68194-07-0	0.003	0.003	UJ	0.003
2,2',4,5,5'-PeCB	PCB-101	37680-73-2	0.0036	0.0021	NJ	0.0021
2,3,3',5',6'-PeCB	PCB-113	68194-10-5	0.0021	0.0021	UJ	0.0021
2,2',4,4',5'-PeCB	PCB-099	38380-01-7	0.0023	0.0023	UJ	0.0023
	PCB-112/119		0.0019	0.0019	UJ	0.0019
	PCB-083/109		0.0041	0.0025	J	0.0025
	PCB-086/117		0.046	0.0029	N	0.0029
	PCB-097/116		0.0023	0.0023	UJ	0.0023
2,3',4',5',6'-PeCB	PCB-125	74472-39-2	0.0019	0.0019	UJ	0.0019
	PCB-087/115		0.0027	0.0024	NJ	0.0024
2,3,3',5,5'-PeCB	PCB-111	39635-32-0	0.0019	0.0019	UJ	0.0019
2,2',3,4,4'-PeCB	PCB-085	65510-45-4	0.0026	0.0026	UJ	0.0026
2,3',4,5,5'-PeCB	PCB-120	68194-12-7	0.0022	0.0022	UJ	0.0022
2,3,3',4',6'-PeCB	PCB-110	38380-03-9	0.0019	0.0019	UJ	0.0019
2,2',3,3',4'-PeCB	PCB-082	52663-62-4	0.0031	0.0031	UJ	0.0031
2,3',4',5,5'-PeCB	PCB-124	70424-70-3	0.0009	0.0009	UJ	0.0009
	PCB-107/108		0.0012	0.0012	UJ	0.0012
2,3',4,4',5'-PeCB	PCB-123	65510-44-3	0.0063	0.0012	NJ	0.0012
2,3,3',4,5'-PeCB	PCB-106	70424-69-0	0.0243	0.0011		0.0011
2,3',4,4',5'-PeCB	PCB-118	31508-00-6	0.0014	0.0014	UJ	0.0014
2,3,4,4',5'-PeCB	PCB-114	74472-37-0	0.0181	0.0013	NJ	0.0013



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Field ID:	#14-15224 (acrosol paint)	Date Analysed: <u>12/13/2014</u>
PRL ID:	PR142938	HRMS File: <u>FS12131407</u>

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3,3',4',5'-PeCB	PCB-122	76842-07-4	0.0013	0.0013	UJ	0.0013
	PCB-105/127		0.0013	0.0013	UJ	0.0013
3,3',4,4',5'-PeCB	PCB-126	57465-28-8	0.0021	0.0021	UJ	0.0021
2,2',4,4',6,6'-HxCB	PCB-155	33979-03-2	0.0011	0.0011	UJ	0.0011
2,2',3,4',6,6'-HxCB	PCB-150	68194-08-1	0.0013	0.0013	UJ	0.0013
2,2',3,5,6,6'-HxCB	PCB-152	68194-09-2	0.0012	0.0012	UJ	0.0012
2,2',3,4,6,6'-HxCB	PCB-145	74472-40-5	0.0013	0.0013	UJ	0.0013
	PCB-136/148		0.0014	0.0014	UJ	0.0014
2,2',4,4',5,6'-HxCB	PCB-154	60145-22-4	0.0015	0.0015	UJ	0.0015
2,2',3,5,5',6'-HxCB	PCB-151	52663-63-5	0.0017	0.0017	UJ	0.0017
2,2',3,3',5,6'-HxCB	PCB-135	52744-13-5	0.002	0.002	UJ	0.002
2,2',3,4,5',6'-HxCB	PCB-144	68194-14-9	0.0019	0.0019	UJ	0.0019
2,2',3,4',5,6'-HxCB	PCB-147	68194-13-8	0.0016	0.0016	UJ	0.0016
	PCB-139/149		0.0038	0.0018	NJ	0.0018
2,2',3,4,4',6'-HxCB	PCB-140	59291-64-4	0.0006	0.0006	UJ	0.0006
2,2',3,4,5,6'-HxCB	PCB-143	68194-15-0	0.0008	0.0008	UJ	0.0008
2,2',3,3',5,6'-HxCB	PCB-134	52704-70-8	0.0009	0.0009	UJ	0.0009
2,2',3,4,5,6'-HxCB	PCB-142	41411-61-4	0.147	0.0008		0.0008
2,2',3,3',4,6'-HxCB	PCB-131	61798-70-7	0.0011	0.0011	UJ	0.0011
2,2',3,3',5,5'-HxCB	PCB-133	35694-04-3	0.0006	0.0006	UJ	0.0006
2,3,3',5,5',6'-HxCB	PCB-165	74472-46-1	0.0007	0.0007	UJ	0.0007
2,2',3,4',5,5'-HxCB	PCB-146	51908-16-8	0.0007	0.0007	UJ	0.0007
	PCB-132/161		0.0007	0.0007	UJ	0.0007
2,2',4,4',5,5'-HxCB	PCB-153	35065-27-1	0.0033	0.0008	NJ	0.0008
2,3',4,4',5',6'-HxCB	PCB-168	59291-65-5	0.0005	0.0005	UJ	0.0005
2,2',3,4,5,5'-HxCB	PCB-141	52712-04-6	0.0008	0.0008	UJ	0.0008
2,2',3,4,4',5'-HxCB	PCB-137	35694-06-5	0.0009	0.0009	UJ	0.0009
2,2',3,3',4,5'-HxCB	PCB-130	52663-66-8	0.0008	0.0008	UJ	0.0008
	PCB-163/164		0.0007	0.0007	UJ	0.0007
	PCB-138/160		0.158	0.0007		0.0007
2,3,3',4,4',6'-HxCB	PCB-158	74472-42-7	0.0005	0.0005	UJ	0.0005
2,2',3,3',4,5'-HxCB	PCB-129	55215-18-4	0.0008	0.0008	UJ	0.0008
2,3,4,4',5,6'-HxCB	PCB-166	41411-63-6	0.101	0.0006		0.0006
2,3,3',4,5,5'-HxCB	PCB-159	39635-35-3	0.0006	0.0006	UJ	0.0006
	PCB-128/162		0.0007	0.0007	UJ	0.0007
2,3',4,4',5,5'-HxCB	PCB-167	52663-72-6	0.0024	0.0007	NJ	0.0007
2,3,3',4,4',5'-HxCB	PCB-156	38380-08-4	0.0012	0.0006	NJ	0.0006
2,3,3',4,4',5'-HxCB	PCB-157	69782-90-7	0.0007	0.0007	UJ	0.0007
3,3',4,4',5,5'-HxCB	PCB-169	32774-16-6	0.0011	0.0011	UJ	0.0011
2,2',3,4',5,6,6'-HpCB	PCB-188	74487-85-7	0.0007	0.0007	UJ	0.0007
2,2',3,4,4',6,6'-HpCB	PCB-184	74472-48-3	0.0005	0.0005	UJ	0.0005
2,2',3,3',5,6,6'-HpCB	PCB-179	52663-64-6	0.0005	0.0005	UJ	0.0005
2,2',3,3',4,6,6'-HpCB	PCB-176	52663-65-7	0.0005	0.0005	UJ	0.0005
2,2',3,4,5,6,6'-HpCB	PCB-186	74472-49-4	0.0006	0.0006	UJ	0.0006
2,2',3,3',5,5',6'-HpCB	PCB-178	52663-67-9	0.0008	0.0008	UJ	0.0008
2,2',3,3',4,5',6'-HpCB	PCB-175	40186-70-7	0.0007	0.0007	UJ	0.0007
	PCB-182/187		0.0007	0.0007	UJ	0.0007
2,2',3,4,4',5',6'-HpCB	PCB-183	52663-69-1	0.0007	0.0007	UJ	0.0007
2,2',3,4,5,5',6'-HpCB	PCB-185	52712-05-7	0.0008	0.0008	UJ	0.0008
2,2',3,3',4,5,6'-HpCB	PCB-174	38411-25-5	0.0008	0.0008	UJ	0.0008
2,2',3,4,4',5,6'-HpCB	PCB-181	74472-47-2	0.0082	0.0008	NJ	0.0008
2,2',3,3',4,5',6'-HpCB	PCB-177	52663-70-4	0.0008	0.0008	UJ	0.0008



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Field ID:	#14-15224 (aerosol paint)	Date Analysed: 12/13/2014
PRL ID:	PR142938	HRMS File: FS12131407

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,2',3,3',4,4',6-HpCB	PCB-171	52663-71-5	0.0008	0.0008	UJ	0.0008
2,2',3,3',4,5,6-HpCB	PCB-173	68194-16-1	0.0009	0.0009	UJ	0.0009
2,2',3,3',4,5,5'-HpCB	PCB-172	52663-74-8	0.0008	0.0008	UJ	0.0008
2,3,3',4,5,5',6-HpCB	PCB-192	74472-51-8	0.0007	0.0007	UJ	0.0007
2,2',3,4,4',5,5'-HpCB	PCB-180	35065-29-3	0.0056	0.001	NJ	0.001
2,3,3',4',5,5',6-HpCB	PCB-193	69782-91-8	0.0005	0.0005	UJ	0.0005
2,3,3',4,4',5,6-HpCB	PCB-191	74472-50-7	0.0006	0.0006	UJ	0.0006
2,2',3,3',4,4',5-HpCB	PCB-170	35065-30-6	0.0009	0.0009	UJ	0.0009
2,3,3',4,4',5,6-HpCB	PCB-190	41411-64-7	0.0006	0.0006	UJ	0.0006
2,3,3',4,4',5,5'-HpCB	PCB-189	39635-31-9	0.0075	0.0004	J	0.0004
2,2',3,3',5,5',6,6'-OcCB	PCB-202	2136-99-4	0.0123	0.0007	J	0.0007
2,2',3,3',4,5',6,6'-OcCB	PCB-201	40186-71-8	0.004	0.0005	NJ	0.0005
2,2',3,4,4',5,6,6'-OcCB	PCB-204	74472-52-9	0.0005	0.0005	UJ	0.0005
2,2',3,3',4,4',6,6'-OcCB	PCB-197	33091-17-7	0.0005	0.0005	UJ	0.0005
2,2',3,3',4,5,6,6'-OcCB	PCB-200	52663-73-7	0.0005	0.0005	UJ	0.0005
2,2',3,3',4,5,5',6-OcCB	PCB-198	68194-17-2	0.0153	0.0008	NJ	0.0008
2,2',3,3',4,5,5',6'-OcCB	PCB-199	52663-75-9	0.0007	0.0007	UJ	0.0007
2,2',3,3',4,4',5,6'-OcCB	PCB-196	42740-50-1	0.0007	0.0007	UJ	0.0007
2,2',3,4,4',5,5',6-OcCB	PCB-203	52663-76-0	0.0041	0.0007	NJ	0.0007
2,2',3,3',4,4',5,6-OcCB	PCB-195	52663-78-2	0.0041	0.0005	NJ	0.0005
2,2',3,3',4,4',5,5'-OcCB	PCB-194	35694-08-7	0.0004	0.0004	UJ	0.0004
2,3,3',4,4',5,5',6-OcCB	PCB-205	74472-53-0	0.0061	0.0003	NJ	0.0003
2,2',3,3',4,5,5',6,6'-NoCB	PCB-208	52663-77-1	0.462	0.0021		0.0021
2,2',3,3',4,4',5,6,6'-NoCB	PCB-207	52663-79-3	0.169	0.0018		0.0018
2,2',3,3',4,4',5,5',6-NoCB	PCB-206	40186-72-9	0.149	0.0018		0.0018
2,2',3,3',4,4',5,5',6,6'-DeCB	PCB-209	2051-24-3	17	0.0006		0.0006

Homologs	# of Congeners			
Monochlorobiphenyls	3	0.0273	0.0043	
Dichlorobiphenyls	12	3.23	0.0098	
Trichlorobiphenyls	24	0.0405	0.001	
Tetrachlorobiphenyls	42	0.0007	0.0007	UJ
Pentachlorobiphenyls	46	0.0284	0.0009	
Hexachlorobiphenyls	42	0.406	0.0005	
Heptachlorobiphenyls	24	0.0075	0.0004	J
Octachlorobiphenyls	12	0.0123	0.0003	J
Nonachlorobiphenyls	3	0.78	0.0018	
Decachlorobiphenyl	1	17	0.0006	
<b>Total PCB</b>		<b>21.5</b>	<b>0.0003</b>	



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Field ID:	#14-15224 (aerosol paint)	Date Analysed: 12/13/2014
PRL ID:	PR142938	HRMS File: FS12131407

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
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Surrogate Recoveries			Acceptance	
Chemical Name	IUPAC #	%	Min	Max
<sup>13</sup> C <sub>12</sub> -2-MoCB	1L	20	5	145
<sup>13</sup> C <sub>12</sub> -4-MoCB	3L	14	5	145
<sup>13</sup> C <sub>12</sub> -2,2'-DiCB	4L	28	5	145
<sup>13</sup> C <sub>12</sub> -4,4'-DiCB	15L	17	5	145
<sup>13</sup> C <sub>12</sub> -2,2',6'-TrCB	19L	36	5	145
<sup>13</sup> C <sub>12</sub> -3,4,4'-TrCB	37L	38	5	145
<sup>13</sup> C <sub>12</sub> -2,2',6,6'-TeCB	54L	35	5	145
<sup>13</sup> C <sub>12</sub> -3,4,4',5'-TeCB	81L	58	5	145
<sup>13</sup> C <sub>12</sub> -3,3',4,4'-TeCB	77L	50	10	145
<sup>13</sup> C <sub>12</sub> -2,2',4,6,6'-PeCB	104L	42	10	145
<sup>13</sup> C <sub>12</sub> -2',3,4,4',5'-PeCB	123L	67	10	145
<sup>13</sup> C <sub>12</sub> -2,3',4,4',5'-PeCB	118L	66	10	145
<sup>13</sup> C <sub>12</sub> -2,3,4,4',5'-PeCB	114L	70	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4'-PeCB	105L	67	10	145
<sup>13</sup> C <sub>12</sub> -3,3',4,4',5'-PeCB	126L	73	10	145
<sup>13</sup> C <sub>12</sub> -2,2',4,4',6,6'-HxCB	155L	72	10	145
<sup>13</sup> C <sub>12</sub> -2,3',4,4',5,5'-HxCB	167L	76	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5'-HxCB	156L	73	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5'-HxCB	157L	75	10	145
<sup>13</sup> C <sub>12</sub> -3,3',4,4',5,5'-HxCB	169L	75	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,4',5,6,6'-HpCB	188L	61	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5,5'-HpCB	189L	80	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',5,5',6,6'-OeCB	202L	80	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5,5',6-OeCB	205L	79	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',4',5,5',6,6'-NoCB	208L	78	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',4,4',5,5',6'-NoCB	206L	76	10	145
<sup>13</sup> C <sub>12</sub> -DeCB	209L	94	10	145
<sup>13</sup> C <sub>12</sub> -2,4,4'-TrCB	28L	38	5	145
<sup>13</sup> C <sub>12</sub> -2,3,3',5,5'-PeCB	111L	73	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',5,5',6'-HpCB	178L	78	10	145



# DATA REPORT

Client:	City of Spokane	Contact: <u>Jeff Donovan</u>
Client ID:	PCB Product Sample (005-100314-1430)	Date Extracted: <u>12/3/2014</u>
Field ID:	#14-15225 (aerosol paint)	Date Analysed: <u>12/13/2014</u>
PRL ID:	PR142939	HRMS File: <u>FS12131408</u>

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2-MoCB	PCB-001	2051-60-7	0.0017	0.0017	UJ	0.0017
3-MoCB	PCB-002	2051-61-8	0.0086	0.0039	NJ	0.0039
4-MoCB	PCB-003	2051-62-9	0.005	0.005	UJ	0.005
2,6-DiCB	PCB-010	33146-45-1	0.0041	0.0041	UJ	0.0041
2,2'-DiCB	PCB-004	13029-08-8	0.0038	0.0038	UJ	0.0038
2,5-DiCB	PCB-009	34883-39-1	0.005	0.005	UJ	0.005
2,4-DiCB	PCB-007	33284-50-3	0.0027	0.0027	UJ	0.0027
2,3'-DiCB	PCB-006	25569-80-6	0.0043	0.0043	UJ	0.0043
2,3/2,4'-DiCB	PCB-005/008		0.0037	0.0037	UJ	0.0037
3,5-DiCB	PCB-014	34883-41-5	0.0045	0.0045	UJ	0.0045
3,3'-DiCB	PCB-011	2050-67-1	0.011	0.0048	NJ	0.0048
3,4/3,4'-DiCB	PCB-012/013		0.0043	0.0043	UJ	0.0043
4,4'-DiCB	PCB-015	2050-68-2	0.0106	0.0106	UJ	0.0106
2,2',6-TrCB	PCB-019	38444-73-4	0.0032	0.0009	J	0.0009
2,4,6-TrCB	PCB-030	35693-92-6	0.0012	0.0012	UJ	0.0012
2,2',5-TrCB	PCB-018	37680-65-2	0.0013	0.0013	UJ	0.0013
2,2',4-TrCB	PCB-017	37680-66-3	0.0016	0.0016	UJ	0.0016
2,3,6-TrCB	PCB-024	55702-45-9	0.0014	0.0014	UJ	0.0014
2,3',6-TrCB	PCB-027	38444-76-7	0.0019	0.0007	NJ	0.0007
2,4',6-TrCB	PCB-032	38444-77-8	0.0012	0.0012	UJ	0.0012
2,2',3-TrCB	PCB-016	38444-78-9	0.0018	0.0018	UJ	0.0018
2,3,5-TrCB	PCB-023	55720-44-0	0.0008	0.0008	UJ	0.0008
2,3',5-TrCB	PCB-034	37680-68-5	0.0009	0.0009	UJ	0.0009
2,4,5-TrCB	PCB-029	15862-07-4	0.0005	0.0005	UJ	0.0005
2,3',5-TrCB	PCB-026	38444-81-4	0.0007	0.0007	UJ	0.0007
2,3',4-TrCB	PCB-025	55712-37-3	0.0012	0.0007	NJ	0.0007
2,4',5-TrCB	PCB-031	16606-02-3	0.0011	0.0005	NJ	0.0005
2,4,4'-TrCB	PCB-028	7012-37-5	0.001	0.001	UJ	0.001
2,3,4-TrCB	PCB-021	55702-46-0	0.0013	0.0013	UJ	0.0013
	PCB-020/033		0.0009	0.0009	UJ	0.0009
2,3,4'-TrCB	PCB-022	38444-85-8	0.0011	0.0011	UJ	0.0011
3,3',5-TrCB	PCB-036	38444-87-0	0.0007	0.0007	UJ	0.0007
3,4',5-TrCB	PCB-039	38444-88-1	0.0009	0.0009	UJ	0.0009
3,4,5-TrCB	PCB-038	53555-66-1	0.0011	0.0011	UJ	0.0011
3,3',4-TrCB	PCB-035	37680-69-6	0.0009	0.0009	UJ	0.0009
3,4,4'-TrCB	PCB-037	38444-90-5	0.0037	0.0037	UJ	0.0037
2,2',6,6'-TeCB	PCB-054	15968-05-5	0.0026	0.0006	NJ	0.0006
2,2',4,6'-TeCB	PCB-050	62796-65-0	0.0011	0.0011	UJ	0.0011
2,2',5,6'-TeCB	PCB-053	41464-41-9	0.0012	0.0012	UJ	0.0012
2,2',4,6'-TeCB	PCB-051	68194-04-7	0.0011	0.0011	UJ	0.0011
2,2',3,6'-TeCB	PCB-045	70362-45-7	0.0012	0.0012	UJ	0.0012
2,2',3,6'-TeCB	PCB-046	41464-47-5	0.0014	0.0014	UJ	0.0014
	PCB-052/069		0.0011	0.0011	UJ	0.0011
2,3',5',6'-TeCB	PCB-073	74338-23-1	0.0008	0.0008	UJ	0.0008
	PCB-043/049		0.0031	0.0012	NJ	0.0012
	PCB-065/075		0.0011	0.0011	UJ	0.0011
	PCB-047/048		0.001	0.001	UJ	0.001
2,3,4,6-TeCB	PCB-062	54230-22-7	0.002	0.0007	NJ	0.0007
2,2',3,5'-TeCB	PCB-044	41464-39-5	0.0017	0.0017	UJ	0.0017
2,3,3',6'-TeCB	PCB-059	74472-33-6	0.0021	0.0009	NJ	0.0009
2,2',3,4'-TeCB	PCB-042	36559-22-5	0.0041	0.0012	NJ	0.0012
	PCB-064/072		0.001	0.001	UJ	0.001



# DATA REPORT

Client:	<u>City of Spokane</u>	Contact: <u>Jeff Donovan</u>
Client ID:	<u>PCB Product Sample (005-100314-1430)</u>	Date Extracted: <u>12/3/2014</u>
Field ID:	<u>#14-15225 (aerosol paint)</u>	Date Analysed: <u>12/13/2014</u>
PRL ID:	<u>PR142939</u>	HRMS File: <u>FS12131408</u>

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3',4',6'-TeCB	PCB-071	41464-46-4	0.0008	0.0008	UJ	0.0008
2,2',3,4'-TeCB	PCB-041	52663-59-9	0.0014	0.0011	NJ	0.0011
2,3',4,5'-TeCB	PCB-068	73575-52-7	0.0009	0.0009	UJ	0.0009
	PCB-040/057		0.0011	0.0011	UJ	0.0011
2,3',4,5'-TeCB	PCB-067	73575-53-8	0.0011	0.0011	UJ	0.0011
2,3,4',5'-TeCB	PCB-063	74472-34-7	0.0012	0.0012	UJ	0.0012
2,3,3',5'-TeCB	PCB-058	41464-49-7	0.0016	0.0006	NJ	0.0006
2,3,4,5'-TeCB	PCB-061	33284-53-6	0.001	0.001	UJ	0.001
2,4,4',5'-TeCB	PCB-074	32690-93-0	0.0021	0.001	UJ	0.001
2,3',4',5'-TeCB	PCB-070	32598-11-1	0.0015	0.0015	UJ	0.0015
	PCB-055/080		0.0009	0.0009	UJ	0.0009
2,3',4,4'-TeCB	PCB-066	32598-10-0	0.0007	0.0007	UJ	0.0007
2,3',4',5'-TeCB	PCB-076	70362-48-0	0.001	0.001	UJ	0.001
2,3,4,4'-TeCB	PCB-060	33025-41-1	0.002	0.0016	NJ	0.0016
2,3,3',4'-TeCB	PCB-056	41464-43-1	0.0007	0.0007	UJ	0.0007
3,3',4,5'-TeCB	PCB-079	41464-48-6	0.0012	0.0012	UJ	0.0012
3,3',4,5'-TeCB	PCB-078	70362-49-1	0.001	0.001	UJ	0.001
3,4,4',5'-TeCB	PCB-081	70362-50-4	0.002	0.002	UJ	0.002
3,3',4,4'-TeCB	PCB-077	32598-13-3	0.0022	0.0022	UJ	0.0022
2,2',4,6,6'-PeCB	PCB-104	56558-16-8	0.0007	0.0007	UJ	0.0007
2,2',3,6,6'-PeCB	PCB-096	73575-54-9	0.0009	0.0009	UJ	0.0009
2,2',4,5',6'-PeCB	PCB-103	60145-21-3	0.0011	0.0011	UJ	0.0011
2,2',4,4',6'-PeCB	PCB-100	39485-83-1	0.0012	0.0012	UJ	0.0012
2,2',3,5,6'-PeCB	PCB-094	73575-55-0	0.0014	0.0014	UJ	0.0014
	PCB-093/098/102		0.0013	0.0013	UJ	0.0013
2,2',3,5',6'-PeCB	PCB-095	38379-99-6	0.001	0.001	UJ	0.001
2,2',3,4,6'-PeCB	PCB-088	55215-17-3	0.0013	0.0013	UJ	0.0013
	PCB-091/121		0.001	0.001	UJ	0.001
2,2',3,3',6'-PeCB	PCB-084	52663-60-2	0.0014	0.0014	UJ	0.0014
2,2',3,5,5'-PeCB	PCB-092	52663-61-3	0.0014	0.0014	UJ	0.0014
2,2',3,4,6'-PeCB	PCB-089	73575-57-2	0.0014	0.0014	UJ	0.0014
2,2',3,4',5'-PeCB	PCB-090	68194-07-0	0.0015	0.0015	UJ	0.0015
2,2',4,5,5'-PeCB	PCB-101	37680-73-2	0.001	0.001	UJ	0.001
2,3,3',5',6'-PeCB	PCB-113	68194-10-5	0.0011	0.0011	UJ	0.0011
2,2',4,4',5'-PeCB	PCB-099	38380-01-7	0.0012	0.0012	UJ	0.0012
	PCB-112/119		0.001	0.001	UJ	0.001
	PCB-083/109		0.0013	0.0013	UJ	0.0013
	PCB-086/117		0.0015	0.0015	UJ	0.0015
	PCB-097/116		0.0012	0.0012	UJ	0.0012
2,3',4',5',6'-PeCB	PCB-125	74472-39-2	0.001	0.001	UJ	0.001
	PCB-087/115		0.0012	0.0012	UJ	0.0012
2,3,3',5,5'-PeCB	PCB-111	39635-32-0	0.0009	0.0009	UJ	0.0009
2,2',3,4,4'-PeCB	PCB-085	65510-45-4	0.0013	0.0013	UJ	0.0013
2,3',4,5,5'-PeCB	PCB-120	68194-12-7	0.0011	0.0011	UJ	0.0011
2,3,3',4',6'-PeCB	PCB-110	38380-03-9	0.0009	0.0009	UJ	0.0009
2,2',3,3',4'-PeCB	PCB-082	52663-62-4	0.0016	0.0016	UJ	0.0016
2,3',4',5,5'-PeCB	PCB-124	70424-70-3	0.0005	0.0005	UJ	0.0005
	PCB-107/108		0.0006	0.0006	UJ	0.0006
2,3',4,4',5'-PeCB	PCB-123	65510-44-3	0.0006	0.0006	UJ	0.0006
2,3,3',4,5'-PeCB	PCB-106	70424-69-0	0.0005	0.0005	UJ	0.0005
2,3',4,4',5'-PeCB	PCB-118	31508-00-6	0.0007	0.0007	UJ	0.0007
2,3,4,4',5'-PeCB	PCB-114	74472-37-0	0.0007	0.0007	UJ	0.0007



# DATA REPORT

Client:	City of Spokane	Contact: <u>Jeff Donovan</u>
Client ID:	PCB Product Sample (005-100314-1430)	Date Extracted: <u>12/3/2014</u>
Field ID:	#14-15225 (aerosol paint)	Date Analysed: <u>12/13/2014</u>
PRL ID:	PR142939	HRMS File: <u>FS12131408</u>

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3,3',4',5'-PeCB	PCB-122	76842-07-4	0.0006	0.0006	UJ	0.0006
	PCB-105/127		0.0007	0.0007	UJ	0.0007
3,3',4,4',5'-PeCB	PCB-126	57465-28-8	0.0011	0.0011	UJ	0.0011
2,2',4,4',6,6'-HxCB	PCB-155	33979-03-2	0.0005	0.0005	UJ	0.0005
2,2',3,4',6,6'-HxCB	PCB-150	68194-08-1	0.0007	0.0007	UJ	0.0007
2,2',3,5,6,6'-HxCB	PCB-152	68194-09-2	0.0006	0.0006	UJ	0.0006
2,2',3,4,6,6'-HxCB	PCB-145	74472-40-5	0.0007	0.0007	UJ	0.0007
	PCB-136/148		0.0007	0.0007	UJ	0.0007
2,2',4,4',5,6'-HxCB	PCB-154	60145-22-4	0.0008	0.0008	UJ	0.0008
2,2',3,5,5',6'-HxCB	PCB-151	52663-63-5	0.0009	0.0009	UJ	0.0009
2,2',3,3',5,6'-HxCB	PCB-135	52744-13-5	0.001	0.001	UJ	0.001
2,2',3,4,5',6'-HxCB	PCB-144	68194-14-9	0.001	0.001	UJ	0.001
2,2',3,4',5,6'-HxCB	PCB-147	68194-13-8	0.0008	0.0008	UJ	0.0008
	PCB-139/149		0.0009	0.0009	UJ	0.0009
2,2',3,4,4',6'-HxCB	PCB-140	59291-64-4	0.0003	0.0003	UJ	0.0003
2,2',3,4,5,6'-HxCB	PCB-143	68194-15-0	0.0004	0.0004	UJ	0.0004
2,2',3,3',5,6'-HxCB	PCB-134	52704-70-8	0.0005	0.0005	UJ	0.0005
2,2',3,4,5,6'-HxCB	PCB-142	41411-61-4	0.0004	0.0004	UJ	0.0004
2,2',3,3',4,6'-HxCB	PCB-131	61798-70-7	0.0006	0.0006	UJ	0.0006
2,2',3,3',5,5'-HxCB	PCB-133	35694-04-3	0.0003	0.0003	UJ	0.0003
2,3,3',5,5',6'-HxCB	PCB-165	74472-46-1	0.0004	0.0004	UJ	0.0004
2,2',3,4',5,5'-HxCB	PCB-146	51908-16-8	0.0004	0.0004	UJ	0.0004
	PCB-132/161		0.0003	0.0003	UJ	0.0003
2,2',4,4',5,5'-HxCB	PCB-153	35065-27-1	0.0004	0.0004	UJ	0.0004
2,3',4,4',5',6'-HxCB	PCB-168	59291-65-5	0.0003	0.0003	UJ	0.0003
2,2',3,4,5,5'-HxCB	PCB-141	52712-04-6	0.0004	0.0004	UJ	0.0004
2,2',3,4,4',5'-HxCB	PCB-137	35694-06-5	0.0004	0.0004	UJ	0.0004
2,2',3,3',4,5'-HxCB	PCB-130	52663-66-8	0.0004	0.0004	UJ	0.0004
	PCB-163/164		0.0003	0.0003	UJ	0.0003
	PCB-138/160		0.0004	0.0004	UJ	0.0004
2,3,3',4,4',6'-HxCB	PCB-158	74472-42-7	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,5'-HxCB	PCB-129	55215-18-4	0.0004	0.0004	UJ	0.0004
2,3,4,4',5,6'-HxCB	PCB-166	41411-63-6	0.0003	0.0003	UJ	0.0003
2,3,3',4,5,5'-HxCB	PCB-159	39635-35-3	0.0003	0.0003	UJ	0.0003
	PCB-128/162		0.0004	0.0004	UJ	0.0004
2,3',4,4',5,5'-HxCB	PCB-167	52663-72-6	0.0003	0.0003	UJ	0.0003
2,3,3',4,4',5'-HxCB	PCB-156	38380-08-4	0.0003	0.0003	UJ	0.0003
2,3,3',4,4',5'-HxCB	PCB-157	69782-90-7	0.0004	0.0004	UJ	0.0004
3,3',4,4',5,5'-HxCB	PCB-169	32774-16-6	0.0006	0.0006	UJ	0.0006
2,2',3,4',5,6,6'-HpCB	PCB-188	74487-85-7	0.0004	0.0004	UJ	0.0004
2,2',3,4,4',6,6'-HpCB	PCB-184	74472-48-3	0.0003	0.0003	UJ	0.0003
2,2',3,3',5,6,6'-HpCB	PCB-179	52663-64-6	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,6,6'-HpCB	PCB-176	52663-65-7	0.0004	0.0004	UJ	0.0004
2,2',3,4,5,6,6'-HpCB	PCB-186	74472-49-4	0.0004	0.0004	UJ	0.0004
2,2',3,3',5,5',6'-HpCB	PCB-178	52663-67-9	0.0005	0.0005	UJ	0.0005
2,2',3,3',4,5',6'-HpCB	PCB-175	40186-70-7	0.0005	0.0005	UJ	0.0005
	PCB-182/187		0.0005	0.0005	UJ	0.0005
2,2',3,4,4',5',6'-HpCB	PCB-183	52663-69-1	0.0004	0.0004	UJ	0.0004
2,2',3,4,5,5',6'-HpCB	PCB-185	52712-05-7	0.0005	0.0005	UJ	0.0005
2,2',3,3',4,5,6'-HpCB	PCB-174	38411-25-5	0.0005	0.0005	UJ	0.0005
2,2',3,4,4',5,6'-HpCB	PCB-181	74472-47-2	0.0005	0.0005	UJ	0.0005
2,2',3,3',4,5',6'-HpCB	PCB-177	52663-70-4	0.0005	0.0005	UJ	0.0005



# DATA REPORT

Client:	City of Spokane	Contact: Jeff Donovan
Client ID:	PCB Product Sample (005-100314-1430)	Date Extracted: 12/3/2014
Field ID:	#14-15225 (aerosol paint)	Date Analysed: 12/13/2014
PRL ID:	PR142939	HRMS File: FS12131408

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,2',3,3',4,4',6-HpCB	PCB-171	52663-71-5	0.0005	0.0005	UJ	0.0005
2,2',3,3',4,5,6-HpCB	PCB-173	68194-16-1	0.0006	0.0006	UJ	0.0006
2,2',3,3',4,5,5'-HpCB	PCB-172	52663-74-8	0.0005	0.0005	UJ	0.0005
2,3,3',4,5,5',6-HpCB	PCB-192	74472-51-8	0.0004	0.0004	UJ	0.0004
2,2',3,4,4',5,5'-HpCB	PCB-180	35065-29-3	0.0007	0.0007	UJ	0.0007
2,3,3',4',5,5',6-HpCB	PCB-193	69782-91-8	0.0003	0.0003	UJ	0.0003
2,3,3',4,4',5,6-HpCB	PCB-191	74472-50-7	0.0004	0.0004	UJ	0.0004
2,2',3,3',4,4',5-HpCB	PCB-170	35065-30-6	0.0006	0.0006	UJ	0.0006
2,3,3',4,4',5,6-HpCB	PCB-190	41411-64-7	0.0004	0.0004	UJ	0.0004
2,3,3',4,4',5,5'-HpCB	PCB-189	39635-31-9	0.0003	0.0003	UJ	0.0003
2,2',3,3',5,5',6,6'-OoCB	PCB-202	2136-99-4	0.0006	0.0006	UJ	0.0006
2,2',3,3',4,5',6,6'-OoCB	PCB-201	40186-71-8	0.0005	0.0005	UJ	0.0005
2,2',3,4,4',5,6,6'-OoCB	PCB-204	74472-52-9	0.0005	0.0005	UJ	0.0005
2,2',3,3',4,4',6,6'-OoCB	PCB-197	33091-17-7	0.0006	0.0006	UJ	0.0006
2,2',3,3',4,5,6,6'-OoCB	PCB-200	52663-73-7	0.0006	0.0006	UJ	0.0006
2,2',3,3',4,5,5',6-OoCB	PCB-198	68194-17-2	0.0009	0.0009	UJ	0.0009
2,2',3,3',4,5,5',6'-OoCB	PCB-199	52663-75-9	0.0008	0.0008	UJ	0.0008
2,2',3,3',4,4',5,6'-OoCB	PCB-196	42740-50-1	0.0008	0.0008	UJ	0.0008
2,2',3,4,4',5,5',6-OoCB	PCB-203	52663-76-0	0.0007	0.0007	UJ	0.0007
2,2',3,3',4,4',5,6-OoCB	PCB-195	52663-78-2	0.0005	0.0005	UJ	0.0005
2,2',3,3',4,4',5,5'-OoCB	PCB-194	35694-08-7	0.0005	0.0005	UJ	0.0005
2,3,3',4,4',5,5',6-OoCB	PCB-205	74472-53-0	0.0004	0.0004	UJ	0.0004
2,2',3,3',4,5,5',6,6'-NoCB	PCB-208	52663-77-1	0.0013	0.0013	UJ	0.0013
2,2',3,3',4,4',5,6,6'-NoCB	PCB-207	52663-79-3	0.001	0.001	UJ	0.001
2,2',3,3',4,4',5,5',6-NoCB	PCB-206	40186-72-9	0.0044	0.001	NJ	0.001
2,2',3,3',4,4',5,5',6,6'-DeCB	PCB-209	2051-24-3	0.0011	0.0002	NJ	0.0002

Homologs	# of Congeners				
Monochlorobiphenyls	3	0.0017	0.0017	UJ	
Dichlorobiphenyls	12	0.0027	0.0027	UJ	
Trichlorobiphenyls	24	0.0032	0.0005	J	
Tetrachlorobiphenyls	42	0.0006	0.0006	UJ	
Pentachlorobiphenyls	46	0.0005	0.0005	UJ	
Hexachlorobiphenyls	42	0.0003	0.0003	UJ	
Heptachlorobiphenyls	24	0.0003	0.0003	UJ	
Octachlorobiphenyls	12	0.0004	0.0004	UJ	
Nonachlorobiphenyls	3	0.001	0.001	UJ	
Decachlorobiphenyl	1	0.0002	0.0002	UJ	
<b>Total PCB</b>		0.0032	0.0002	BJ	



# DATA REPORT

Client:	City of Spokane	Contact: Jeff Donovan
Client ID:	PCB Product Sample (005-100314-1430)	Date Extracted: 12/3/2014
Field ID:	#14-15225 (aerosol paint)	Date Analysed: 12/13/2014
PRL ID:	PR142939	HRMS File: FS12131408

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
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Surrogate Recoveries			Acceptance	
Chemical Name	IUPAC #	%	Min	Max
<sup>13</sup> C <sub>12</sub> -2-MoCB	1L	38	5	145
<sup>13</sup> C <sub>12</sub> -4-MoCB	3L	37	5	145
<sup>13</sup> C <sub>12</sub> -2,2'-DiCB	4L	47	5	145
<sup>13</sup> C <sub>12</sub> -4,4'-DiCB	15L	48	5	145
<sup>13</sup> C <sub>12</sub> -2,2',6'-TrCB	19L	58	5	145
<sup>13</sup> C <sub>12</sub> -3,4,4'-TrCB	37L	61	5	145
<sup>13</sup> C <sub>12</sub> -2,2',6,6'-TeCB	54L	54	5	145
<sup>13</sup> C <sub>12</sub> -3,4,4',5'-TeCB	81L	74	5	145
<sup>13</sup> C <sub>12</sub> -3,3',4,4'-TeCB	77L	71	10	145
<sup>13</sup> C <sub>12</sub> -2,2',4,6,6'-PeCB	104L	65	10	145
<sup>13</sup> C <sub>12</sub> -2',3,4,4',5'-PeCB	123L	81	10	145
<sup>13</sup> C <sub>12</sub> -2,3',4,4',5'-PeCB	118L	79	10	145
<sup>13</sup> C <sub>12</sub> -2,3,4,4',5'-PeCB	114L	81	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4'-PeCB	105L	84	10	145
<sup>13</sup> C <sub>12</sub> -3,3',4,4',5'-PeCB	126L	88	10	145
<sup>13</sup> C <sub>12</sub> -2,2',4,4',6,6'-HxCB	155L	79	10	145
<sup>13</sup> C <sub>12</sub> -2,3',4,4',5,5'-HxCB	167L	82	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5'-HxCB	156L	81	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5'-HxCB	157L	83	10	145
<sup>13</sup> C <sub>12</sub> -3,3',4,4',5,5'-HxCB	169L	73	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,4',5,6,6'-HpCB	188L	71	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5,5'-HpCB	189L	86	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',5,5',6,6'-OeCB	202L	92	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5,5',6-OeCB	205L	90	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',4',5,5',6,6'-NoCB	208L	88	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',4,4',5,5',6-NoCB	206L	89	10	145
<sup>13</sup> C <sub>12</sub> -DeCB	209L	102	10	145
<sup>13</sup> C <sub>12</sub> -2,4,4'-TrCB	28L	71	5	145
<sup>13</sup> C <sub>12</sub> -2,3,3',5,5'-PeCB	111L	84	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',5,5',6-HpCB	178L	85	10	145



# DATA REPORT

Client:	<u>City of Spokane</u>	Contact: <u>Jeff Donovan</u>
Client ID:	<u>PCB Product Sample (005-100314-1430)</u>	Date Extracted: <u>12/3/2014</u>
Field ID:	<u>#14-15225 (aerosol paint)</u>	Date Analysed: <u>12/13/2014</u>
PRL ID:	<u>PR142939</u>	HRMS File: <u>FS12131409</u>

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2-MoCB	PCB-001	2051-60-7	0.0013	0.0013	UJ	0.0013
3-MoCB	PCB-002	2051-61-8	0.0029	0.0029	UJ	0.0029
4-MoCB	PCB-003	2051-62-9	0.004	0.0039	NJ	0.0039
2,6-DiCB	PCB-010	33146-45-1	0.0029	0.0029	UJ	0.0029
2,2'-DiCB	PCB-004	13029-08-8	0.0026	0.0026	UJ	0.0026
2,5-DiCB	PCB-009	34883-39-1	0.0036	0.0036	UJ	0.0036
2,4-DiCB	PCB-007	33284-50-3	0.0019	0.0019	UJ	0.0019
2,3'-DiCB	PCB-006	25569-80-6	0.0031	0.0031	UJ	0.0031
2,3/2,4'-DiCB	PCB-005/008		0.0062	0.0026	NJ	0.0026
3,5-DiCB	PCB-014	34883-41-5	0.0032	0.0032	UJ	0.0032
3,3'-DiCB	PCB-011	2050-67-1	0.0034	0.0034	UJ	0.0034
3,4/3,4'-DiCB	PCB-012/013		0.0031	0.0031	UJ	0.0031
4,4'-DiCB	PCB-015	2050-68-2	0.0083	0.0083	UJ	0.0083
2,2',6-TrCB	PCB-019	38444-73-4	0.0006	0.0006	UJ	0.0006
2,4,6-TrCB	PCB-030	35693-92-6	0.0008	0.0008	UJ	0.0008
2,2',5-TrCB	PCB-018	37680-65-2	0.0021	0.0009	NJ	0.0009
2,2',4-TrCB	PCB-017	37680-66-3	0.0011	0.0011	UJ	0.0011
2,3,6-TrCB	PCB-024	55702-45-9	0.0009	0.0009	UJ	0.0009
2,3',6-TrCB	PCB-027	38444-76-7	0.0005	0.0005	UJ	0.0005
2,4',6-TrCB	PCB-032	38444-77-8	0.0008	0.0008	UJ	0.0008
2,2',3-TrCB	PCB-016	38444-78-9	0.0067	0.0012	NJ	0.0012
2,3,5-TrCB	PCB-023	55720-44-0	0.0005	0.0005	UJ	0.0005
2,3',5'-TrCB	PCB-034	37680-68-5	0.0006	0.0006	UJ	0.0006
2,4,5-TrCB	PCB-029	15862-07-4	0.0003	0.0003	UJ	0.0003
2,3',5-TrCB	PCB-026	38444-81-4	0.0004	0.0004	UJ	0.0004
2,3',4-TrCB	PCB-025	55712-37-3	0.0005	0.0005	UJ	0.0005
2,4',5-TrCB	PCB-031	16606-02-3	0.0023	0.0003	NJ	0.0003
2,4,4'-TrCB	PCB-028	7012-37-5	0.0028	0.0006	NJ	0.0006
2,3,4-TrCB	PCB-021	55702-46-0	0.0009	0.0009	UJ	0.0009
	PCB-020/033		0.0006	0.0006	UJ	0.0006
2,3,4'-TrCB	PCB-022	38444-85-8	0.0007	0.0007	UJ	0.0007
3,3',5-TrCB	PCB-036	38444-87-0	0.0005	0.0005	UJ	0.0005
3,4',5-TrCB	PCB-039	38444-88-1	0.0006	0.0006	UJ	0.0006
3,4,5-TrCB	PCB-038	53555-66-1	0.0007	0.0007	UJ	0.0007
3,3',4-TrCB	PCB-035	37680-69-6	0.0006	0.0006	UJ	0.0006
3,4,4'-TrCB	PCB-037	38444-90-5	0.0023	0.0023	UJ	0.0023
2,2',6,6'-TeCB	PCB-054	15968-05-5	0.0003	0.0003	UJ	0.0003
2,2',4,6'-TeCB	PCB-050	62796-65-0	0.0006	0.0006	UJ	0.0006
2,2',5,6'-TeCB	PCB-053	41464-41-9	0.0011	0.0007	NJ	0.0007
2,2',4,6'-TeCB	PCB-051	68194-04-7	0.0007	0.0007	UJ	0.0007
2,2',3,6'-TeCB	PCB-045	70362-45-7	0.0007	0.0007	UJ	0.0007
2,2',3,6'-TeCB	PCB-046	41464-47-5	0.0008	0.0008	UJ	0.0008
	PCB-052/069		0.001	0.0006	NJ	0.0006
2,3',5',6'-TeCB	PCB-073	74338-23-1	0.0005	0.0005	UJ	0.0005
	PCB-043/049		0.0007	0.0007	UJ	0.0007
	PCB-065/075		0.0006	0.0006	UJ	0.0006
	PCB-047/048		0.0006	0.0006	UJ	0.0006
2,3,4,6-TeCB	PCB-062	54230-22-7	0.0004	0.0004	UJ	0.0004
2,2',3,5'-TeCB	PCB-044	41464-39-5	0.0053	0.001	NJ	0.001
2,3,3',6'-TeCB	PCB-059	74472-33-6	0.0005	0.0005	UJ	0.0005
2,2',3,4'-TeCB	PCB-042	36559-22-5	0.0007	0.0007	UJ	0.0007
	PCB-064/072		0.0006	0.0006	UJ	0.0006



# DATA REPORT

Client:	City of Spokane	Contact: <u>Jeff Donovan</u>
Client ID:	PCB Product Sample (005-100314-1430)	Date Extracted: <u>12/3/2014</u>
Field ID:	#14-15225 (aerosol paint)	Date Analysed: <u>12/13/2014</u>
PRL ID:	PR142939	HRMS File: <u>FS12131409</u>

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3',4',6'-TeCB	PCB-071	41464-46-4	0.0004	0.0004	UJ	0.0004
2,2',3,4'-TeCB	PCB-041	52663-59-9	0.0023	0.0007	NJ	0.0007
2,3',4,5'-TeCB	PCB-068	73575-52-7	0.0005	0.0005	UJ	0.0005
	PCB-040/057		0.0007	0.0007	UJ	0.0007
2,3',4,5'-TeCB	PCB-067	73575-53-8	0.0006	0.0006	UJ	0.0006
2,3,4',5'-TeCB	PCB-063	74472-34-7	0.0007	0.0007	UJ	0.0007
2,3,3',5'-TeCB	PCB-058	41464-49-7	0.0004	0.0004	UJ	0.0004
2,3,4,5'-TeCB	PCB-061	33284-53-6	0.0006	0.0006	UJ	0.0006
2,4,4',5'-TeCB	PCB-074	32690-93-0	0.0006	0.0006	UJ	0.0006
2,3',4',5'-TeCB	PCB-070	32598-11-1	0.0009	0.0009	UJ	0.0009
	PCB-055/080		0.0005	0.0005	UJ	0.0005
2,3',4,4'-TeCB	PCB-066	32598-10-0	0.0004	0.0004	UJ	0.0004
2,3',4',5'-TeCB	PCB-076	70362-48-0	0.0006	0.0006	UJ	0.0006
2,3,4,4'-TeCB	PCB-060	33025-41-1	0.0009	0.0009	UJ	0.0009
2,3,3',4'-TeCB	PCB-056	41464-43-1	0.0004	0.0004	UJ	0.0004
3,3',4,5'-TeCB	PCB-079	41464-48-6	0.0007	0.0007	UJ	0.0007
3,3',4,5'-TeCB	PCB-078	70362-49-1	0.0006	0.0006	UJ	0.0006
3,4,4',5'-TeCB	PCB-081	70362-50-4	0.0011	0.0011	UJ	0.0011
3,3',4,4'-TeCB	PCB-077	32598-13-3	0.0013	0.0013	UJ	0.0013
2,2',4,6,6'-PeCB	PCB-104	56558-16-8	0.0006	0.0006	UJ	0.0006
2,2',3,6,6'-PeCB	PCB-096	73575-54-9	0.0008	0.0008	UJ	0.0008
2,2',4,5',6'-PeCB	PCB-103	60145-21-3	0.0009	0.0009	UJ	0.0009
2,2',4,4',6'-PeCB	PCB-100	39485-83-1	0.001	0.001	UJ	0.001
2,2',3,5,6'-PeCB	PCB-094	73575-55-0	0.0012	0.0012	UJ	0.0012
	PCB-093/098/102		0.0011	0.0011	UJ	0.0011
2,2',3,5',6'-PeCB	PCB-095	38379-99-6	0.0049	0.0008	NJ	0.0008
2,2',3,4,6'-PeCB	PCB-088	55215-17-3	0.0011	0.0011	UJ	0.0011
	PCB-091/121		0.0009	0.0009	UJ	0.0009
2,2',3,3',6'-PeCB	PCB-084	52663-60-2	0.0012	0.0012	UJ	0.0012
2,2',3,5,5'-PeCB	PCB-092	52663-61-3	0.0012	0.0012	UJ	0.0012
2,2',3,4,6'-PeCB	PCB-089	73575-57-2	0.0012	0.0012	UJ	0.0012
2,2',3,4',5'-PeCB	PCB-090	68194-07-0	0.0013	0.0013	UJ	0.0013
2,2',4,5,5'-PeCB	PCB-101	37680-73-2	0.0023	0.0009	NJ	0.0009
2,3,3',5',6'-PeCB	PCB-113	68194-10-5	0.0009	0.0009	UJ	0.0009
2,2',4,4',5'-PeCB	PCB-099	38380-01-7	0.001	0.001	UJ	0.001
	PCB-112/119		0.0008	0.0008	UJ	0.0008
	PCB-083/109		0.0011	0.0011	UJ	0.0011
	PCB-086/117		0.0013	0.0013	UJ	0.0013
	PCB-097/116		0.001	0.001	UJ	0.001
2,3',4',5',6'-PeCB	PCB-125	74472-39-2	0.0008	0.0008	UJ	0.0008
	PCB-087/115		0.001	0.001	UJ	0.001
2,3,3',5,5'-PeCB	PCB-111	39635-32-0	0.0008	0.0008	UJ	0.0008
2,2',3,4,4'-PeCB	PCB-085	65510-45-4	0.0011	0.0011	UJ	0.0011
2,3',4,5,5'-PeCB	PCB-120	68194-12-7	0.001	0.001	UJ	0.001
2,3,3',4',6'-PeCB	PCB-110	38380-03-9	0.0008	0.0008	UJ	0.0008
2,2',3,3',4'-PeCB	PCB-082	52663-62-4	0.0014	0.0014	UJ	0.0014
2,3',4',5,5'-PeCB	PCB-124	70424-70-3	0.0004	0.0004	UJ	0.0004
	PCB-107/108		0.0005	0.0005	UJ	0.0005
2,3',4,4',5'-PeCB	PCB-123	65510-44-3	0.0006	0.0006	UJ	0.0006
2,3,3',4,5'-PeCB	PCB-106	70424-69-0	0.0005	0.0005	UJ	0.0005
2,3',4,4',5'-PeCB	PCB-118	31508-00-6	0.0006	0.0006	UJ	0.0006
2,3,4,4',5'-PeCB	PCB-114	74472-37-0	0.0006	0.0006	UJ	0.0006



# DATA REPORT

Client:	City of Spokane	Contact: <u>Jeff Donovan</u>
Client ID:	PCB Product Sample (005-100314-1430)	Date Extracted: <u>12/3/2014</u>
Field ID:	#14-15225 (aerosol paint)	Date Analysed: <u>12/13/2014</u>
PRL ID:	PR142939	HRMS File: <u>FS12131409</u>

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3,3',4',5'-PeCB	PCB-122	76842-07-4	0.0005	0.0005	UJ	0.0005
	PCB-105/127		0.0006	0.0006	UJ	0.0006
3,3',4,4',5'-PeCB	PCB-126	57465-28-8	0.0037	0.0009	UJ	0.0009
2,2',4,4',6,6'-HxCB	PCB-155	33979-03-2	0.0005	0.0005	UJ	0.0005
2,2',3,4',6,6'-HxCB	PCB-150	68194-08-1	0.0006	0.0006	UJ	0.0006
2,2',3,5,6,6'-HxCB	PCB-152	68194-09-2	0.0005	0.0005	UJ	0.0005
2,2',3,4,6,6'-HxCB	PCB-145	74472-40-5	0.0006	0.0006	UJ	0.0006
	PCB-136/148		0.0006	0.0006	UJ	0.0006
2,2',4,4',5,6'-HxCB	PCB-154	60145-22-4	0.0006	0.0006	UJ	0.0006
2,2',3,5,5',6'-HxCB	PCB-151	52663-63-5	0.0007	0.0007	UJ	0.0007
2,2',3,3',5,6'-HxCB	PCB-135	52744-13-5	0.0008	0.0008	UJ	0.0008
2,2',3,4,5',6'-HxCB	PCB-144	68194-14-9	0.0008	0.0008	UJ	0.0008
2,2',3,4',5,6'-HxCB	PCB-147	68194-13-8	0.0007	0.0007	UJ	0.0007
	PCB-139/149		0.0008	0.0008	UJ	0.0008
2,2',3,4,4',6'-HxCB	PCB-140	59291-64-4	0.0003	0.0003	UJ	0.0003
2,2',3,4,5,6'-HxCB	PCB-143	68194-15-0	0.0003	0.0003	UJ	0.0003
2,2',3,3',5,6'-HxCB	PCB-134	52704-70-8	0.0004	0.0004	UJ	0.0004
2,2',3,4,5,6'-HxCB	PCB-142	41411-61-4	0.0004	0.0004	UJ	0.0004
2,2',3,3',4,6'-HxCB	PCB-131	61798-70-7	0.0005	0.0005	UJ	0.0005
2,2',3,3',5,5'-HxCB	PCB-133	35694-04-3	0.0003	0.0003	UJ	0.0003
2,3,3',5,5',6'-HxCB	PCB-165	74472-46-1	0.0003	0.0003	UJ	0.0003
2,2',3,4',5,5'-HxCB	PCB-146	51908-16-8	0.0003	0.0003	UJ	0.0003
	PCB-132/161		0.0006	0.0003	NJ	0.0003
2,2',4,4',5,5'-HxCB	PCB-153	35065-27-1	0.001	0.0003	NJ	0.0003
2,3',4,4',5',6'-HxCB	PCB-168	59291-65-5	0.0002	0.0002	UJ	0.0002
2,2',3,4,5,5'-HxCB	PCB-141	52712-04-6	0.0022	0.0003	NJ	0.0003
2,2',3,4,4',5'-HxCB	PCB-137	35694-06-5	0.0004	0.0004	UJ	0.0004
2,2',3,3',4,5'-HxCB	PCB-130	52663-66-8	0.0004	0.0004	UJ	0.0004
	PCB-163/164		0.0022	0.0003	J	0.0003
	PCB-138/160		0.0075	0.0003	J	0.0003
2,3,3',4,4',6'-HxCB	PCB-158	74472-42-7	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,5'-HxCB	PCB-129	55215-18-4	0.0004	0.0004	UJ	0.0004
2,3,4,4',5,6'-HxCB	PCB-166	41411-63-6	0.0003	0.0003	UJ	0.0003
2,3,3',4,5,5'-HxCB	PCB-159	39635-35-3	0.0002	0.0002	UJ	0.0002
	PCB-128/162		0.0003	0.0003	NJ	0.0003
2,3',4,4',5,5'-HxCB	PCB-167	52663-72-6	0.0003	0.0003	UJ	0.0003
2,3,3',4,4',5'-HxCB	PCB-156	38380-08-4	0.0003	0.0003	UJ	0.0003
2,3,3',4,4',5'-HxCB	PCB-157	69782-90-7	0.0003	0.0003	UJ	0.0003
3,3',4,4',5,5'-HxCB	PCB-169	32774-16-6	0.0005	0.0005	UJ	0.0005
2,2',3,4',5,6,6'-HpCB	PCB-188	74487-85-7	0.0003	0.0003	UJ	0.0003
2,2',3,4,4',6,6'-HpCB	PCB-184	74472-48-3	0.0002	0.0002	UJ	0.0002
2,2',3,3',5,6,6'-HpCB	PCB-179	52663-64-6	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,6,6'-HpCB	PCB-176	52663-65-7	0.0003	0.0003	UJ	0.0003
2,2',3,4,5,6,6'-HpCB	PCB-186	74472-49-4	0.0003	0.0003	UJ	0.0003
2,2',3,3',5,5',6'-HpCB	PCB-178	52663-67-9	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,5',6'-HpCB	PCB-175	40186-70-7	0.0003	0.0003	UJ	0.0003
	PCB-182/187		0.0003	0.0003	UJ	0.0003
2,2',3,4,4',5',6'-HpCB	PCB-183	52663-69-1	0.0003	0.0003	UJ	0.0003
2,2',3,4,5,5',6'-HpCB	PCB-185	52712-05-7	0.0004	0.0004	UJ	0.0004
2,2',3,3',4,5,6'-HpCB	PCB-174	38411-25-5	0.0004	0.0004	UJ	0.0004
2,2',3,4,4',5,6'-HpCB	PCB-181	74472-47-2	0.0004	0.0004	UJ	0.0004
2,2',3,3',4,5',6'-HpCB	PCB-177	52663-70-4	0.0003	0.0003	UJ	0.0003



# DATA REPORT

Client:	City of Spokane	Contact: Jeff Donovan
Client ID:	PCB Product Sample (005-100314-1430)	Date Extracted: 12/3/2014
Field ID:	#14-15225 (aerosol paint)	Date Analysed: 12/13/2014
PRL ID:	PR142939	HRMS File: FS12131409

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,2',3,3',4,4',6-HpCB	PCB-171	52663-71-5	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,5,6-HpCB	PCB-173	68194-16-1	0.0004	0.0004	UJ	0.0004
2,2',3,3',4,5,5'-HpCB	PCB-172	52663-74-8	0.0004	0.0004	UJ	0.0004
2,3,3',4,5,5',6-HpCB	PCB-192	74472-51-8	0.0003	0.0003	UJ	0.0003
2,2',3,4,4',5,5'-HpCB	PCB-180	35065-29-3	0.0005	0.0005	UJ	0.0005
2,3,3',4',5,5',6-HpCB	PCB-193	69782-91-8	0.0002	0.0002	UJ	0.0002
2,3,3',4,4',5,6-HpCB	PCB-191	74472-50-7	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,4',5-HpCB	PCB-170	35065-30-6	0.0004	0.0004	UJ	0.0004
2,3,3',4,4',5,6-HpCB	PCB-190	41411-64-7	0.0003	0.0003	UJ	0.0003
2,3,3',4,4',5,5'-HpCB	PCB-189	39635-31-9	0.0002	0.0002	UJ	0.0002
2,2',3,3',5,5',6,6'-OxCB	PCB-202	2136-99-4	0.0005	0.0005	UJ	0.0005
2,2',3,3',4,5',6,6'-OxCB	PCB-201	40186-71-8	0.0004	0.0004	UJ	0.0004
2,2',3,4,4',5,6,6'-OxCB	PCB-204	74472-52-9	0.0004	0.0004	UJ	0.0004
2,2',3,3',4,4',6,6'-OxCB	PCB-197	33091-17-7	0.0004	0.0004	UJ	0.0004
2,2',3,3',4,5,6,6'-OxCB	PCB-200	52663-73-7	0.0004	0.0004	UJ	0.0004
2,2',3,3',4,5,5',6-OxCB	PCB-198	68194-17-2	0.0007	0.0007	UJ	0.0007
2,2',3,3',4,5,5',6'-OxCB	PCB-199	52663-75-9	0.0006	0.0006	UJ	0.0006
2,2',3,3',4,4',5,6-OxCB	PCB-196	42740-50-1	0.0026	0.0006	UJ	0.0006
2,2',3,4,4',5,5',6-OxCB	PCB-203	52663-76-0	0.0005	0.0005	UJ	0.0005
2,2',3,3',4,4',5,6-OxCB	PCB-195	52663-78-2	0.0004	0.0004	UJ	0.0004
2,2',3,3',4,4',5,5'-OxCB	PCB-194	35694-08-7	0.0004	0.0004	UJ	0.0004
2,3,3',4,4',5,5',6-OxCB	PCB-205	74472-53-0	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,5,5',6,6'-NoCB	PCB-208	52663-77-1	0.0018	0.0018	UJ	0.0018
2,2',3,3',4,4',5,6,6'-NoCB	PCB-207	52663-79-3	0.0015	0.0015	UJ	0.0015
2,2',3,3',4,4',5,5',6-NoCB	PCB-206	40186-72-9	0.0016	0.0016	UJ	0.0016
2,2',3,3',4,4',5,5',6,6'-DeCB	PCB-209	2051-24-3	0.0002	0.0002	UJ	0.0002

Homologs	# of Congeners	Conc.	DL	Flag
Monochlorobiphenyls	3	0.0013	0.0013	UJ
Dichlorobiphenyls	12	0.0019	0.0019	UJ
Trichlorobiphenyls	24	0.0003	0.0003	UJ
Tetrachlorobiphenyls	42	0.0003	0.0003	UJ
Pentachlorobiphenyls	46	0.0004	0.0004	UJ
Hexachlorobiphenyls	42	0.0097	0.0002	BJ
Heptachlorobiphenyls	24	0.0002	0.0002	UJ
Octachlorobiphenyls	12	0.0003	0.0003	UJ
Nonachlorobiphenyls	3	0.0015	0.0015	UJ
Decachlorobiphenyl	1	0.0002	0.0002	UJ
<b>Total PCB</b>		<b>0.0097</b>	<b>0.0002</b>	<b>BJ</b>



# DATA REPORT

Client:	City of Spokane	Contact: Jeff Donovan
Client ID:	PCB Product Sample (005-100314-1430)	Date Extracted: 12/3/2014
Field ID:	#14-15225 (aerosol paint)	Date Analysed: 12/13/2014
PRL ID:	PR142939	HRMS File: FS12131409

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
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Surrogate Recoveries			Acceptance	
Chemical Name	IUPAC #	%	Min	Max
<sup>13</sup> C <sub>12</sub> -2-MoCB	1L	41	5	145
<sup>13</sup> C <sub>12</sub> -4-MoCB	3L	43	5	145
<sup>13</sup> C <sub>12</sub> -2,2'-DiCB	4L	49	5	145
<sup>13</sup> C <sub>12</sub> -4,4'-DiCB	15L	46	5	145
<sup>13</sup> C <sub>12</sub> -2,2',6'-TrCB	19L	57	5	145
<sup>13</sup> C <sub>12</sub> -3,4,4'-TrCB	37L	71	5	145
<sup>13</sup> C <sub>12</sub> -2,2',6,6'-TeCB	54L	55	5	145
<sup>13</sup> C <sub>12</sub> -3,4,4',5'-TeCB	81L	90	5	145
<sup>13</sup> C <sub>12</sub> -3,3',4,4'-TeCB	77L	78	10	145
<sup>13</sup> C <sub>12</sub> -2,2',4,6,6'-PeCB	104L	62	10	145
<sup>13</sup> C <sub>12</sub> -2',3,4,4',5'-PeCB	123L	84	10	145
<sup>13</sup> C <sub>12</sub> -2,3',4,4',5'-PeCB	118L	85	10	145
<sup>13</sup> C <sub>12</sub> -2,3,4,4',5'-PeCB	114L	82	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4'-PeCB	105L	88	10	145
<sup>13</sup> C <sub>12</sub> -3,3',4,4',5'-PeCB	126L	95	10	145
<sup>13</sup> C <sub>12</sub> -2,2',4,4',6,6'-HxCB	155L	82	10	145
<sup>13</sup> C <sub>12</sub> -2,3',4,4',5,5'-HxCB	167L	81	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5'-HxCB	156L	85	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5'-HxCB	157L	88	10	145
<sup>13</sup> C <sub>12</sub> -3,3',4,4',5,5'-HxCB	169L	79	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,4',5,6,6'-HpCB	188L	74	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5,5'-HpCB	189L	93	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',5,5',6,6'-OeCB	202L	89	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5,5',6-OeCB	205L	96	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',4',5,5',6,6'-NoCB	208L	95	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',4,4',5,5',6'-NoCB	206L	94	10	145
<sup>13</sup> C <sub>12</sub> -DeCB	209L	106	10	145
<sup>13</sup> C <sub>12</sub> -2,4,4'-TrCB	28L	68	5	145
<sup>13</sup> C <sub>12</sub> -2,3,3',5,5'-PeCB	111L	85	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',5,5',6'-HpCB	178L	83	10	145



# QC REPORT - BLANK

Client: City of Spokane  
 Client ID: BLANK  
 Field ID: Aerosol Paint  
 PRL ID: PC141001B

Contact: Jeff Donovan  
 Date Extracted: 12/3/2014  
 Date Analysed: 12/13/2014  
 HRMS File: FS12131405

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2-MoCB	PCB-001	2051-60-7	0.0011	0.001	NJ	0.001
3-MoCB	PCB-002	2051-61-8	0.0023	0.0023	UJ	0.0023
4-MoCB	PCB-003	2051-62-9	0.0028	0.0027	NJ	0.0027
2,6-DiCB	PCB-010	33146-45-1	0.0022	0.0022	UJ	0.0022
2,2'-DiCB	PCB-004	13029-08-8	0.002	0.002	UJ	0.002
2,5-DiCB	PCB-009	34883-39-1	0.0027	0.0027	UJ	0.0027
2,4-DiCB	PCB-007	33284-50-3	0.0015	0.0015	UJ	0.0015
2,3'-DiCB	PCB-006	25569-80-6	0.0023	0.0023	UJ	0.0023
2,3/2,4'-DiCB	PCB-005/008		0.002	0.002	UJ	0.002
3,5-DiCB	PCB-014	34883-41-5	0.0024	0.0024	UJ	0.0024
3,3'-DiCB	PCB-011	2050-67-1	0.0026	0.0026	UJ	0.0026
3,4/3,4'-DiCB	PCB-012/013		0.0023	0.0023	UJ	0.0023
4,4'-DiCB	PCB-015	2050-68-2	0.006	0.006	UJ	0.006
2,2',6-TrCB	PCB-019	38444-73-4	0.0012	0.0004	NJ	0.0004
2,4,6-TrCB	PCB-030	35693-92-6	0.0006	0.0006	UJ	0.0006
2,2',5-TrCB	PCB-018	37680-65-2	0.001	0.0007	NJ	0.0007
2,2',4-TrCB	PCB-017	37680-66-3	0.0008	0.0008	UJ	0.0008
2,3,6-TrCB	PCB-024	55702-45-9	0.0007	0.0007	UJ	0.0007
2,3',6-TrCB	PCB-027	38444-76-7	0.0004	0.0004	UJ	0.0004
2,4',6-TrCB	PCB-032	38444-77-8	0.0006	0.0006	UJ	0.0006
2,2',3-TrCB	PCB-016	38444-78-9	0.0009	0.0009	UJ	0.0009
2,3,5-TrCB	PCB-023	55720-44-0	0.0004	0.0004	UJ	0.0004
2,3',5-TrCB	PCB-034	37680-68-5	0.0004	0.0004	UJ	0.0004
2,4,5-TrCB	PCB-029	15862-07-4	0.0002	0.0002	UJ	0.0002
2,3',5-TrCB	PCB-026	38444-81-4	0.0004	0.0004	UJ	0.0004
2,3',4-TrCB	PCB-025	55712-37-3	0.0004	0.0004	UJ	0.0004
2,4',5-TrCB	PCB-031	16606-02-3	0.0004	0.0003	NJ	0.0003
2,4,4'-TrCB	PCB-028	7012-37-5	0.0009	0.0005	NJ	0.0005
2,3,4-TrCB	PCB-021	55702-46-0	0.0006	0.0006	UJ	0.0006
	PCB-020/033		0.0004	0.0004	UJ	0.0004
2,3,4'-TrCB	PCB-022	38444-85-8	0.0005	0.0005	UJ	0.0005
3,3',5-TrCB	PCB-036	38444-87-0	0.0005	0.0003	NJ	0.0003
3,4',5-TrCB	PCB-039	38444-88-1	0.0004	0.0004	UJ	0.0004
3,4,5-TrCB	PCB-038	53555-66-1	0.0005	0.0005	UJ	0.0005
3,3',4-TrCB	PCB-035	37680-69-6	0.0004	0.0004	UJ	0.0004
3,4,4'-TrCB	PCB-037	38444-90-5	0.0022	0.0022	UJ	0.0022
2,2',6,6'-TeCB	PCB-054	15968-05-5	0.0008	0.0001	NJ	0.0001
2,2',4,6-TeCB	PCB-050	62796-65-0	0.0003	0.0003	UJ	0.0003
2,2',5,6'-TeCB	PCB-053	41464-41-9	0.0003	0.0003	UJ	0.0003
2,2',4,6'-TeCB	PCB-051	68194-04-7	0.0003	0.0003	UJ	0.0003
2,2',3,6-TeCB	PCB-045	70362-45-7	0.0003	0.0003	UJ	0.0003
2,2',3,6'-TeCB	PCB-046	41464-47-5	0.0011	0.0004	NJ	0.0004
	PCB-052/069		0.0009	0.0003	J	0.0003
2,3',5',6-TeCB	PCB-073	74338-23-1	0.0002	0.0002	UJ	0.0002
	PCB-043/049		0.0003	0.0003	UJ	0.0003
	PCB-065/075		0.0006	0.0003	NJ	0.0003
	PCB-047/048		0.0003	0.0003	UJ	0.0003
2,3,4,6-TeCB	PCB-062	54230-22-7	0.0002	0.0002	UJ	0.0002
2,2',3,5'-TeCB	PCB-044	41464-39-5	0.0014	0.0005	NJ	0.0005
2,3,3',6-TeCB	PCB-059	74472-33-6	0.0003	0.0003	UJ	0.0003



# QC REPORT - BLANK

Client: City of Spokane  
 Client ID: BLANK  
 Field ID: Aerosol Paint  
 PRL ID: PC141001B

Contact: Jeff Donovan  
 Date Extracted: 12/3/2014  
 Date Analysed: 12/13/2014  
 HRMS File: FS12131405

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,2',3,4'-TeCB	PCB-042	36559-22-5	0.0004	0.0004	UJ	0.0004
	PCB-064/072		0.0003	0.0003	UJ	0.0003
2,3',4',6-TeCB	PCB-071	41464-46-4	0.0002	0.0002	UJ	0.0002
2,2',3,4-TeCB	PCB-041	52663-59-9	0.0003	0.0003	UJ	0.0003
2,3',4,5'-TeCB	PCB-068	73575-52-7	0.0003	0.0003	UJ	0.0003
	PCB-040/057		0.0003	0.0003	UJ	0.0003
2,3',4,5-TeCB	PCB-067	73575-53-8	0.0003	0.0003	UJ	0.0003
2,3,4',5-TeCB	PCB-063	74472-34-7	0.0003	0.0003	UJ	0.0003
2,3,3',5'-TeCB	PCB-058	41464-49-7	0.0002	0.0002	UJ	0.0002
2,3,4,5-TeCB	PCB-061	33284-53-6	0.0003	0.0003	UJ	0.0003
2,4,4',5-TeCB	PCB-074	32690-93-0	0.0003	0.0003	UJ	0.0003
2,3',4',5-TeCB	PCB-070	32598-11-1	0.0013	0.0004	NJ	0.0004
	PCB-055/080		0.0003	0.0003	UJ	0.0003
2,3',4,4'-TeCB	PCB-066	32598-10-0	0.0005	0.0002	NJ	0.0002
2,3',4',5'-TeCB	PCB-076	70362-48-0	0.0003	0.0003	UJ	0.0003
2,3,4,4'-TeCB	PCB-060	33025-41-1	0.0005	0.0005	UJ	0.0005
2,3,3',4'-TeCB	PCB-056	41464-43-1	0.0002	0.0002	UJ	0.0002
3,3',4,5'-TeCB	PCB-079	41464-48-6	0.0004	0.0004	UJ	0.0004
3,3',4,5-TeCB	PCB-078	70362-49-1	0.0003	0.0003	UJ	0.0003
3,4,4',5-TeCB	PCB-081	70362-50-4	0.0008	0.0008	UJ	0.0008
3,3',4,4'-TeCB	PCB-077	32598-13-3	0.0011	0.0008	NJ	0.0008
2,2',4,6,6'-PeCB	PCB-104	56558-16-8	0.0006	0.0006	UJ	0.0006
2,2',3,6,6'-PeCB	PCB-096	73575-54-9	0.0009	0.0009	UJ	0.0009
2,2',4,5',6-PeCB	PCB-103	60145-21-3	0.001	0.001	UJ	0.001
2,2',4,4',6-PeCB	PCB-100	39485-83-1	0.0012	0.0012	UJ	0.0012
2,2',3,5,6'-PeCB	PCB-094	73575-55-0	0.0013	0.0013	UJ	0.0013
	PCB-093/098/102		0.0013	0.0013	UJ	0.0013
2,2',3,5',6-PeCB	PCB-095	38379-99-6	0.0013	0.001	NJ	0.001
2,2',3,4,6-PeCB	PCB-088	55215-17-3	0.0012	0.0012	UJ	0.0012
	PCB-091/121		0.001	0.001	UJ	0.001
	PCB-084	52663-60-2	0.0013	0.0013	UJ	0.0013
2,2',3,5',6-PeCB	PCB-092	52663-61-3	0.0014	0.0014	UJ	0.0014
2,2',3,4,6'-PeCB	PCB-089	73575-57-2	0.0014	0.0014	UJ	0.0014
2,2',3,4',5-PeCB	PCB-090	68194-07-0	0.0015	0.0015	UJ	0.0015
2,2',4,5,5'-PeCB	PCB-101	37680-73-2	0.001	0.001	UJ	0.001
2,3,3',5',6-PeCB	PCB-113	68194-10-5	0.001	0.001	UJ	0.001
2,2',4,4',5-PeCB	PCB-099	38380-01-7	0.0011	0.0011	UJ	0.0011
	PCB-112/119		0.0009	0.0009	UJ	0.0009
	PCB-083/109		0.0012	0.0012	UJ	0.0012
	PCB-086/117		0.0014	0.0014	UJ	0.0014
2,3',4',5',6-PeCB	PCB-097/116		0.0011	0.0011	UJ	0.0011
	PCB-125	74472-39-2	0.0009	0.0009	UJ	0.0009
2,3,3',5,5'-PeCB	PCB-111	39635-32-0	0.0009	0.0009	UJ	0.0009
2,2',3,4,4'-PeCB	PCB-085	65510-45-4	0.0013	0.0013	UJ	0.0013
2,3',4,5,5'-PeCB	PCB-120	68194-12-7	0.0011	0.0011	UJ	0.0011
2,3,3',4',6-PeCB	PCB-110	38380-03-9	0.0009	0.0009	UJ	0.0009
2,2',3,3',4-PeCB	PCB-082	52663-62-4	0.0015	0.0015	UJ	0.0015
2,3',4',5,5'-PeCB	PCB-124	70424-70-3	0.0006	0.0006	UJ	0.0006
	PCB-107/108		0.0006	0.0006	UJ	0.0006



# QC REPORT - BLANK

Client: City of Spokane  
 Client ID: BLANK  
 Field ID: Aerosol Paint  
 PRL ID: PC141001B

Contact: Jeff Donovan  
 Date Extracted: 12/3/2014  
 Date Analysed: 12/13/2014  
 HRMS File: FS12131405

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3',4,4',5'-PeCB	PCB-123	65510-44-3	0.0006	0.0006	UJ	0.0006
2,3,3',4,5'-PeCB	PCB-106	70424-69-0	0.0005	0.0005	NJ	0.0005
2,3',4,4',5'-PeCB	PCB-118	31508-00-6	0.0007	0.0007	UJ	0.0007
2,3,4,4',5'-PeCB	PCB-114	74472-37-0	0.0022	0.0007	NJ	0.0007
2,3,3',4',5'-PeCB	PCB-122	76842-07-4	0.0006	0.0006	UJ	0.0006
	PCB-105/127		0.0025	0.0007	NJ	0.0007
3,3',4,4',5'-PeCB	PCB-126	57465-28-8	0.0013	0.0013	UJ	0.0013
2,2',4,4',6,6'-HxCB	PCB-155	33979-03-2	0.0003	0.0003	UJ	0.0003
2,2',3,4',6,6'-HxCB	PCB-150	68194-08-1	0.0006	0.0006	UJ	0.0006
2,2',3,5,6,6'-HxCB	PCB-152	68194-09-2	0.0005	0.0005	UJ	0.0005
2,2',3,4,6,6'-HxCB	PCB-145	74472-40-5	0.0005	0.0005	UJ	0.0005
	PCB-136/148		0.0006	0.0006	UJ	0.0006
2,2',4,4',5,6'-HxCB	PCB-154	60145-22-4	0.0006	0.0006	UJ	0.0006
2,2',3,5,5',6'-HxCB	PCB-151	52663-63-5	0.0007	0.0007	UJ	0.0007
2,2',3,3',5,6'-HxCB	PCB-135	52744-13-5	0.0008	0.0008	UJ	0.0008
2,2',3,4,5',6'-HxCB	PCB-144	68194-14-9	0.0008	0.0008	UJ	0.0008
2,2',3,4',5,6'-HxCB	PCB-147	68194-13-8	0.0006	0.0006	UJ	0.0006
	PCB-139/149		0.0016	0.0007	NJ	0.0007
2,2',3,4,4',6'-HxCB	PCB-140	59291-64-4	0.0002	0.0002	UJ	0.0002
2,2',3,4,5,6'-HxCB	PCB-143	68194-15-0	0.0003	0.0003	UJ	0.0003
2,2',3,3',5,6'-HxCB	PCB-134	52704-70-8	0.0004	0.0004	UJ	0.0004
2,2',3,4,5,6'-HxCB	PCB-142	41411-61-4	0.0004	0.0004	UJ	0.0004
2,2',3,3',4,6'-HxCB	PCB-131	61798-70-7	0.0005	0.0005	UJ	0.0005
2,2',3,3',5,5'-HxCB	PCB-133	35694-04-3	0.0003	0.0003	UJ	0.0003
2,3,3',5,5',6'-HxCB	PCB-165	74472-46-1	0.0003	0.0003	UJ	0.0003
2,2',3,4',5,5'-HxCB	PCB-146	51908-16-8	0.0003	0.0003	UJ	0.0003
	PCB-132/161		0.0003	0.0003	UJ	0.0003
2,2',4,4',5,5'-HxCB	PCB-153	35065-27-1	0.0016	0.0003	NJ	0.0003
2,3',4,4',5',6'-HxCB	PCB-168	59291-65-5	0.0019	0.0002	NJ	0.0002
2,2',3,4,5,5'-HxCB	PCB-141	52712-04-6	0.0003	0.0003	UJ	0.0003
2,2',3,4,4',5'-HxCB	PCB-137	35694-06-5	0.0004	0.0004	UJ	0.0004
2,2',3,3',4,5'-HxCB	PCB-130	52663-66-8	0.0004	0.0004	UJ	0.0004
	PCB-163/164		0.0007	0.0003	NJ	0.0003
	PCB-138/160		0.0041	0.0003	NJ	0.0003
2,3,3',4,4',6'-HxCB	PCB-158	74472-42-7	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,5'-HxCB	PCB-129	55215-18-4	0.0004	0.0004	UJ	0.0004
2,3,4,4',5,6'-HxCB	PCB-166	41411-63-6	0.0003	0.0003	UJ	0.0003
2,3,3',4,5,5'-HxCB	PCB-159	39635-35-3	0.0002	0.0002	UJ	0.0002
	PCB-128/162		0.0003	0.0003	UJ	0.0003
2,3',4,4',5,5'-HxCB	PCB-167	52663-72-6	0.0002	0.0002	UJ	0.0002
2,3,3',4,4',5'-HxCB	PCB-156	38380-08-4	0.0019	0.0002	NJ	0.0002
2,3,3',4,4',5'-HxCB	PCB-157	69782-90-7	0.003	0.0004	J	0.0004
3,3',4,4',5,5'-HxCB	PCB-169	32774-16-6	0.0009	0.0009	UJ	0.0009
2,2',3,4',5,6',6'-HpCB	PCB-188	74487-85-7	0.0003	0.0002	NJ	0.0002
2,2',3,4,4',6,6'-HpCB	PCB-184	74472-48-3	0.0002	0.0002	UJ	0.0002
2,2',3,3',5,6,6'-HpCB	PCB-179	52663-64-6	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,6,6'-HpCB	PCB-176	52663-65-7	0.0002	0.0002	UJ	0.0002
2,2',3,4,5,6,6'-HpCB	PCB-186	74472-49-4	0.0002	0.0002	UJ	0.0002
2,2',3,3',5,5',6'-HpCB	PCB-178	52663-67-9	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,5',6'-HpCB	PCB-175	40186-70-7	0.0003	0.0003	UJ	0.0003



# QC REPORT - BLANK

Client: City of Spokane  
 Client ID: BLANK  
 Field ID: Aerosol Paint  
 PRL ID: PC141001B

Contact: Jeff Donovan  
 Date Extracted: 12/3/2014  
 Date Analysed: 12/13/2014  
 HRMS File: FS12131405

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
	PCB-182/187		0.0003	0.0003	UJ	0.0003
2,2',3,4,4',5',6-HpCB	PCB-183	52663-69-1	0.0003	0.0003	UJ	0.0003
2,2',3,4,5,5',6-HpCB	PCB-185	52712-05-7	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,5,6'-HpCB	PCB-174	38411-25-5	0.0003	0.0003	UJ	0.0003
2,2',3,4,4',5,6-HpCB	PCB-181	74472-47-2	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,5,6'-HpCB	PCB-177	52663-70-4	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,4',6-HpCB	PCB-171	52663-71-5	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,5,6-HpCB	PCB-173	68194-16-1	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,5,5'-HpCB	PCB-172	52663-74-8	0.0003	0.0003	UJ	0.0003
2,3,3',4,5,5',6-HpCB	PCB-192	74472-51-8	0.0002	0.0002	UJ	0.0002
2,2',3,4,4',5,5'-HpCB	PCB-180	35065-29-3	0.0004	0.0004	UJ	0.0004
2,3,3',4,5,5',6-HpCB	PCB-193	69782-91-8	0.0002	0.0002	UJ	0.0002
2,3,3',4,4',5,6-HpCB	PCB-191	74472-50-7	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,4',5-HpCB	PCB-170	35065-30-6	0.0003	0.0003	UJ	0.0003
2,3,3',4,4',5,6-HpCB	PCB-190	41411-64-7	0.0002	0.0002	UJ	0.0002
2,3,3',4,4',5,5'-HpCB	PCB-189	39635-31-9	0.0059	0.0003	NJ	0.0003
2,2',3,3',5,5',6,6'-OoCB	PCB-202	2136-99-4	0.0004	0.0001	NJ	0.0001
2,2',3,3',4,5',6,6'-OoCB	PCB-201	40186-71-8	0.0002	0.0002	UJ	0.0002
2,2',3,4,4',5,6,6'-OoCB	PCB-204	74472-52-9	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,4',6,6'-OoCB	PCB-197	33091-17-7	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,5,6,6'-OoCB	PCB-200	52663-73-7	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,5,5',6-OoCB	PCB-198	68194-17-2	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,5,5',6'-OoCB	PCB-199	52663-75-9	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,4',5,6'-OoCB	PCB-196	42740-50-1	0.0002	0.0002	UJ	0.0002
2,2',3,4,4',5,5',6-OoCB	PCB-203	52663-76-0	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,4',5,6-OoCB	PCB-195	52663-78-2	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,4',5,5'-OoCB	PCB-194	35694-08-7	0.0002	0.0002	UJ	0.0002
2,3,3',4,4',5,5',6-OoCB	PCB-205	74472-53-0	0.0086	0.0002	NJ	0.0002
2,2',3,3',4,5,5',6,6'-NoCB	PCB-208	52663-77-1	0.0026	0.0011	NJ	0.0011
2,2',3,3',4,4',5,6,6'-NoCB	PCB-207	52663-79-3	0.0009	0.0009	UJ	0.0009
2,2',3,3',4,4',5,5',6-NoCB	PCB-206	40186-72-9	0.0019	0.001	NJ	0.001
2,2',3,3',4,4',5,5',6,6'-DeCB	PCB-209	2051-24-3	0.0002	0.0002	UJ	0.0002

Homologs	# of Congeners			
Monochlorobiphenyls	3	0.001	0.001	UJ
Dichlorobiphenyls	12	0.0015	0.0015	UJ
Trichlorobiphenyls	24	0.0002	0.0002	UJ
Tetrachlorobiphenyls	42	0.0009	0.0001	J
Pentachlorobiphenyls	46	0.0005	0.0005	UJ
Hexachlorobiphenyls	42	0.003	0.0002	J
Heptachlorobiphenyls	24	0.0002	0.0002	UJ
Octachlorobiphenyls	12	0.0001	0.0001	UJ
Nonachlorobiphenyls	3	0.0009	0.0009	UJ
Decachlorobiphenyl	1	0.0002	0.0002	UJ
<b>Total PCB</b>		<b>0.0039</b>	<b>0.0001</b>	<b>J</b>



# QC REPORT - BLANK

Client: City of Spokane  
 Client ID: BLANK  
 Field ID: Aerosol Paint  
 PRL ID: PC141001B

Contact: Jeff Donovan  
 Date Extracted: 12/3/2014  
 Date Analysed: 12/13/2014  
 HRMS File: FS12131405

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
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Surrogate Recoveries			Acceptance	
Chemical Name	IUPAC #	%	Min	Max
<sup>13</sup> C <sub>12</sub> -2-MoCB	1L	47	5	145
<sup>13</sup> C <sub>12</sub> -4-MoCB	3L	31	5	145
<sup>13</sup> C <sub>12</sub> -2,2'-DiCB	4L	54	5	145
<sup>13</sup> C <sub>12</sub> -4,4'-DiCB	15L	39	5	145
<sup>13</sup> C <sub>12</sub> -2,2',6'-TriCB	19L	63	5	145
<sup>13</sup> C <sub>12</sub> -3,4,4'-TriCB	37L	58	5	145
<sup>13</sup> C <sub>12</sub> -2,2',6,6'-TeCB	54L	59	5	145
<sup>13</sup> C <sub>12</sub> -3,4,4',5'-TeCB	81L	54	5	145
<sup>13</sup> C <sub>12</sub> -3,3',4,4'-TeCB	77L	39	10	145
<sup>13</sup> C <sub>12</sub> -2,2',4,6,6'-PeCB	104L	63	10	145
<sup>13</sup> C <sub>12</sub> -2',3,4,4',5'-PeCB	123L	69	10	145
<sup>13</sup> C <sub>12</sub> -2,3',4,4',5'-PeCB	118L	71	10	145
<sup>13</sup> C <sub>12</sub> -2,3,4,4',5'-PeCB	114L	68	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4'-PeCB	105L	85	10	145
<sup>13</sup> C <sub>12</sub> -3,3',4,4',5'-PeCB	126L	70	10	145
<sup>13</sup> C <sub>12</sub> -2,2',4,4',6,6'-HxCB	155L	74	10	145
<sup>13</sup> C <sub>12</sub> -2,3',4,4',5,5'-HxCB	167L	73	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5-HxCB	156L	69	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5'-HxCB	157L	40	10	145
<sup>13</sup> C <sub>12</sub> -3,3',4,4',5,5'-HxCB	169L	35	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,4',5,6,6'-HpCB	188L	67	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5,5'-HpCB	189L	76	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',5,5',6,6'-OeCB	202L	83	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5,5',6-OeCB	205L	84	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',4',5,5',6,6'-NoCB	208L	87	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',4,4',5,5',6-NoCB	206L	82	10	145
<sup>13</sup> C <sub>12</sub> -DeCB	209L	93	10	145
<sup>13</sup> C <sub>12</sub> -2,4,4'-TriCB	28L	62	5	145
<sup>13</sup> C <sub>12</sub> -2,3,3',5,5'-PeCB	111L	65	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',5,5',6-HpCB	178L	77	10	145



# QC REPORT - SPIKE

Project:	City of Spokane	Contact:	Jeff Donovan
Client ID:	SPIKE (LCS)	Date Extracted:	12/3/2014
Field ID:	Aerosol Paint	Date Analysed:	12/13/2014
PRL ID:	PC141002S	HRMS File:	FS12131403

Polychlorinated Biphenyls				Accept. Recovery		Pass/Fail	Surrogate
Chemical Name	IUPAC #	CAS No.	LOF ug/Kg	Recovery %	Min %	Max %	Recoveries %
2-MoCB	PCB-001	2051-60-7	0.1	108.6	60	135	Pass 42
4-MoCB	PCB-003	2051-62-9	0.1	101.5	60	135	Pass 29
2,6-DiCB	PCB-010	33146-45-1	0.1	106.9			-
2,2'-DiCB	PCB-004	13029-08-8	0.1	126.1	60	135	Pass 50
	PCB-005/008		0.1	114.6			-
4,4'-DiCB	PCB-015	2050-68-2	0.1	115.4	60	135	Pass 36
2,2',6-TrCB	PCB-019	38444-73-4	0.1	101.2	60	135	Pass 58
2,2',5-TrCB	PCB-018	37680-65-2	0.1	122.0			-
2,4,4'-TrCB	PCB-028	7012-37-5	0.1	92.4			-
	PCB-020/033		0.1	91.4			-
2,3,4'-TrCB	PCB-022	38444-85-8	0.1	121.8			-
3,4,4'-TrCB	PCB-037	38444-90-5	0.1	119.2	60	135	Pass 59
2,2',6,6'-TeCB	PCB-054	15968-05-5	0.1	121.8	60	135	Pass 55
	PCB-052/069		0.1	116.3			-
	PCB-043/049		0.1	123.0			-
2,2',3,5'-TeCB	PCB-044	41464-39-5	0.1	150.5			-
2,2',3,4-TeCB	PCB-041	52663-59-9	0.1	65.4			-
2,2',3,3'-TeCB	PCB-040	38444-93-8	0.1	66.1			-
2,4,4',5-TeCB	PCB-074	32690-93-0	0.1	117.0			-
2,3',4',5-TeCB	PCB-070	32598-11-1	0.1	144.5			-
2,3',4,4'-TeCB	PCB-066	32598-10-0	0.1	68.4			-
2,3,4,4'-TeCB	PCB-060	33025-41-1	0.1	123.7			-
3,4,4',5-TeCB	PCB-081	70362-50-4	0.1	97.9	60	135	Pass 58
3,3',4,4'-TeCB	PCB-077	32598-13-3	0.1	93.7	60	135	Pass 47
2,2',4,6,6'-PeCB	PCB-104	56558-16-8	0.1	108.1	60	135	Pass 61
2,2',3,5',6-PeCB	PCB-095	38379-99-6	0.1	79.5			-
2,2',3,4',5-PeCB	PCB-090	68194-07-0	0.1	63.6			-
2,2',4,5,5'-PeCB	PCB-101	37680-73-2	0.1	113.4			-
2,2',4,4',5-PeCB	PCB-099	38380-01-7	0.1	107.3			-
2,3',4,4',6-PeCB	PCB-119	56558-17-9	0.1	100.8			-
	PCB-087/115		0.1	94.4			-
2,3,3',4',6-PeCB	PCB-110	38380-03-9	0.1	123.8			-
2,3',4,4',5'-PeCB	PCB-123	65510-44-3	0.1	109.1	60	135	Pass 69
2,3',4,4',5-PeCB	PCB-118	31508-00-6	0.1	112.0	60	135	Pass 75
2,3,4,4',5-PeCB	PCB-114	74472-37-0	0.1	111.3	60	135	Pass 73
2,3,3',4,4'-PeCB	PCB-105	32598-14-4	0.1	106.1	60	135	Pass 70
3,3',4,4',5-PeCB	PCB-126	57465-28-8	0.1	111.5	60	135	Pass 78
2,2',4,4',6,6'-HxCB	PCB-155	33979-03-2	0.1	118.6	60	135	Pass 67
2,2',3,5,5',6-HxCB	PCB-151	52663-63-5	0.1	92.8			-
	PCB-139/149		0.1	130.3			-
2,2',4,4',5,5'-HxCB	PCB-153	35065-27-1	0.1	105.0			-
2,3',4,4',5',6-HxCB	PCB-168	59291-65-5	0.1	110.3			-
2,2',3,4,5,5'-HxCB	PCB-141	52712-04-6	0.1	74.3			-
2,2',3,4,4',5-HxCB	PCB-137	35694-06-5	0.1	78.6			-
2,2',3,4,4',5'-HxCB	PCB-138	35065-28-2	0.1	89.2			-
2,3,3',4,4',6-HxCB	PCB-158	74472-42-7	0.1	101.0			-
2,2',3,3',4,5-HxCB	PCB-129	55215-18-4	0.1	75.3			-
2,2',3,3',4,4'-HxCB	PCB-128	38380-07-3	0.1	89.4			-
2,3',4,4',5,5'-HxCB	PCB-167	52663-72-6	0.1	111.0	60	135	Pass 74
2,3,3',4,4',5-HxCB	PCB-156	38380-08-4	0.1	108.0	60	135	Pass 72
2,3,3',4,4',5'-HxCB	PCB-157	69782-90-7	0.1	122.2	60	135	Pass 77
3,3',4,4',5,5'-HxCB	PCB-169	32774-16-6	0.1	109.2	60	135	Pass 71



# QC REPORT - SPIKE

Project:	City of Spokane	Contact:	Jeff Donovan
Client ID:	SPIKE (LCS)	Date Extracted:	12/3/2014
Field ID:	Aerosol Paint	Date Analysed:	12/13/2014
PRL ID:	PC141002S	HRMS File:	FS12131403

Polychlorinated Biphenyls					Accept. Recovery		Pass/Fail	Surrogate
Chemical Name	IUPAC #	CAS No.	LOF ug/Kg	Recovery %	Min %	Max %		Recoveries %
2,2',3,4',5,6,6'-HpCB	PCB-188	74487-85-7	0.1	111.6	60	135	Pass	68
2,2',3,3',5,5',6-HpCB	PCB-178	52663-67-9	0.1	100.2				-
	PCB-182/187		0.1	101.8				-
2,2',3,4,4',5',6-HpCB	PCB-183	52663-69-1	0.1	102.5				-
2,2',3,3',4,5',6'-HpCB	PCB-177	52663-70-4	0.1	99.0				-
2,2',3,3',4,4',6-HpCB	PCB-171	52663-71-5	0.1	98.1				-
2,2',3,4,4',5,5'-HpCB	PCB-180	35065-29-3	0.1	118.3				-
2,3,3',4',5,5',6-HpCB	PCB-193	69782-91-8	0.1	72.8				-
2,3,3',4,4',5',6-HpCB	PCB-191	74472-50-7	0.1	119.2				-
2,2',3,3',4,4',5-HpCB	PCB-170	35065-30-6	0.1	115.8				-
2,3,3',4,4',5,5'-HpCB	PCB-189	39635-31-9	0.1	104.1	60	135	Pass	80
2,2',3,3',5,5',6,6'-OcCB	PCB-202	2136-99-4	0.1	114.7	60	135	Pass	80
2,2',3,3',4,5',6,6'-OcCB	PCB-201	40186-71-8	0.1	96.1				-
2,2',3,3',4,5,5',6'-OcCB	PCB-199	52663-75-9	0.1	102.9				-
2,2',3,4,4',5,5',6-OcCB	PCB-203	52663-76-0	0.1	81.9				-
2,2',3,3',4,4',5,5'-OcCB	PCB-194	35694-08-7	0.1	98.7				-
2,3,3',4,4',5,5',6-OcCB	PCB-205	74472-53-0	0.1	103.9	60	135	Pass	82
2,2',3,3',4,5,5',6'-NoCB	PCB-208	52663-77-1	0.1	110.8	60	135	Pass	78
2,2',3,3',4,4',5,5',6'-NoCB	PCB-206	40186-72-9	0.1	104.8	60	135	Pass	80
2,2',3,3',4,4',5,5',6,6'-DeCB	PCB-209	2051-24-3	0.1	94.1	60	135	Pass	93

LOF - level of fortification



# DATA REPORT

Client:	<u>City of Spokane</u>	Contact: <u>Jeff Donovan</u>
Client ID:	<u>PCB Product Sample (012-091814-0930)</u>	Date Extracted: <u>12/3/2014</u>
Field ID:	<u>#14-15226 (Pesticide/Herbicide)</u>	Date Analysed: <u>12/15/2014</u>
PRL ID:	<u>PR142940</u>	HRMS File: <u>FS12141411</u>

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2-MoCB	PCB-001	2051-60-7	0.0011	0.0011	UJ	0.0011
3-MoCB	PCB-002	2051-61-8	0.0025	0.0025	UJ	0.0025
4-MoCB	PCB-003	2051-62-9	0.0034	0.0034	UJ	0.0034
2,6-DiCB	PCB-010	33146-45-1	0.0035	0.0035	UJ	0.0035
2,2'-DiCB	PCB-004	13029-08-8	0.0031	0.0031	UJ	0.0031
2,5-DiCB	PCB-009	34883-39-1	0.0043	0.0043	UJ	0.0043
2,4-DiCB	PCB-007	33284-50-3	0.0024	0.0024	UJ	0.0024
2,3'-DiCB	PCB-006	25569-80-6	0.0037	0.0037	UJ	0.0037
2,3/2,4'-DiCB	PCB-005/008		0.0032	0.0032	UJ	0.0032
3,5-DiCB	PCB-014	34883-41-5	0.0065	0.0039	NJ	0.0039
3,3'-DiCB	PCB-011	2050-67-1	0.0042	0.0042	UJ	0.0042
3,4/3,4'-DiCB	PCB-012/013		0.0037	0.0037	UJ	0.0037
4,4'-DiCB	PCB-015	2050-68-2	0.0106	0.0106	UJ	0.0106
2,2',6-TrCB	PCB-019	38444-73-4	0.0007	0.0007	UJ	0.0007
2,4,6-TrCB	PCB-030	35693-92-6	0.0009	0.0009	UJ	0.0009
2,2',5-TrCB	PCB-018	37680-65-2	0.0035	0.0011	NJ	0.0011
2,2',4-TrCB	PCB-017	37680-66-3	0.0012	0.0012	UJ	0.0012
2,3,6-TrCB	PCB-024	55702-45-9	0.001	0.001	UJ	0.001
2,3',6-TrCB	PCB-027	38444-76-7	0.0006	0.0006	UJ	0.0006
2,4',6-TrCB	PCB-032	38444-77-8	0.0009	0.0009	UJ	0.0009
2,2',3-TrCB	PCB-016	38444-78-9	0.0013	0.0013	UJ	0.0013
2,3,5-TrCB	PCB-023	55720-44-0	0.0007	0.0007	UJ	0.0007
2,3',5'-TrCB	PCB-034	37680-68-5	0.0007	0.0007	UJ	0.0007
2,4,5-TrCB	PCB-029	15862-07-4	0.0004	0.0004	UJ	0.0004
2,3',5-TrCB	PCB-026	38444-81-4	0.0011	0.0006	NJ	0.0006
2,3',4-TrCB	PCB-025	55712-37-3	0.0006	0.0006	UJ	0.0006
2,4',5-TrCB	PCB-031	16606-02-3	0.0012	0.0005	NJ	0.0005
2,4,4'-TrCB	PCB-028	7012-37-5	0.0014	0.0007	NJ	0.0007
2,3,4-TrCB	PCB-021	55702-46-0	0.001	0.001	UJ	0.001
	PCB-020/033		0.001	0.0007	NJ	0.0007
2,3,4'-TrCB	PCB-022	38444-85-8	0.0008	0.0008	UJ	0.0008
3,3',5-TrCB	PCB-036	38444-87-0	0.0015	0.0005	NJ	0.0005
3,4',5-TrCB	PCB-039	38444-88-1	0.0006	0.0006	UJ	0.0006
3,4,5-TrCB	PCB-038	53555-66-1	0.0008	0.0008	UJ	0.0008
3,3',4-TrCB	PCB-035	37680-69-6	0.0007	0.0007	UJ	0.0007
3,4,4'-TrCB	PCB-037	38444-90-5	0.0026	0.0026	UJ	0.0026
2,2',6,6'-TeCB	PCB-054	15968-05-5	0.0001	0.0001	UJ	0.0001
2,2',4,6-TeCB	PCB-050	62796-65-0	0.0003	0.0003	UJ	0.0003
2,2',5,6'-TeCB	PCB-053	41464-41-9	0.0003	0.0003	UJ	0.0003
2,2',4,6'-TeCB	PCB-051	68194-04-7	0.0003	0.0003	UJ	0.0003
2,2',3,6-TeCB	PCB-045	70362-45-7	0.0003	0.0003	UJ	0.0003
2,2',3,6'-TeCB	PCB-046	41464-47-5	0.0004	0.0004	UJ	0.0004
	PCB-052/069		0.0003	0.0003	NJ	0.0003
2,3',5',6-TeCB	PCB-073	74338-23-1	0.0002	0.0002	UJ	0.0002
	PCB-043/049		0.0003	0.0003	UJ	0.0003
	PCB-065/075		0.0003	0.0003	UJ	0.0003
	PCB-047/048		0.0003	0.0003	UJ	0.0003
2,3,4,6-TeCB	PCB-062	54230-22-7	0.0002	0.0002	UJ	0.0002
2,2',3,5'-TeCB	PCB-044	41464-39-5	0.0005	0.0005	UJ	0.0005
2,3,3',6-TeCB	PCB-059	74472-33-6	0.0002	0.0002	UJ	0.0002
2,2',3,4'-TeCB	PCB-042	36559-22-5	0.0003	0.0003	UJ	0.0003
	PCB-064/072		0.0003	0.0003	UJ	0.0003



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Client:	<u>City of Spokane</u>	Contact: <u>Jeff Donovan</u>
Client ID:	<u>PCB Product Sample (012-091814-0930)</u>	Date Extracted: <u>12/3/2014</u>
Field ID:	<u>#14-15226 (Pesticide/Herbicide)</u>	Date Analysed: <u>12/15/2014</u>
PRL ID:	<u>PR142940</u>	HRMS File: <u>FS12141411</u>

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3',4',6'-TeCB	PCB-071	41464-46-4	0.0002	0.0002	UJ	0.0002
2,2',3,4'-TeCB	PCB-041	52663-59-9	0.0003	0.0003	UJ	0.0003
2,3',4,5'-TeCB	PCB-068	73575-52-7	0.0002	0.0002	UJ	0.0002
	PCB-040/057		0.0003	0.0003	UJ	0.0003
2,3',4,5'-TeCB	PCB-067	73575-53-8	0.0003	0.0003	UJ	0.0003
2,3,4',5'-TeCB	PCB-063	74472-34-7	0.0003	0.0003	UJ	0.0003
2,3,3',5'-TeCB	PCB-058	41464-49-7	0.0002	0.0002	UJ	0.0002
2,3,4,5'-TeCB	PCB-061	33284-53-6	0.0003	0.0003	UJ	0.0003
2,4,4',5'-TeCB	PCB-074	32690-93-0	0.0003	0.0003	UJ	0.0003
2,3',4',5'-TeCB	PCB-070	32598-11-1	0.0004	0.0004	UJ	0.0004
	PCB-055/080		0.0002	0.0002	UJ	0.0002
2,3',4,4'-TeCB	PCB-066	32598-10-0	0.0002	0.0002	UJ	0.0002
2,3',4',5'-TeCB	PCB-076	70362-48-0	0.0003	0.0003	UJ	0.0003
2,3,4,4'-TeCB	PCB-060	33025-41-1	0.0004	0.0004	UJ	0.0004
2,3,3',4'-TeCB	PCB-056	41464-43-1	0.0002	0.0002	UJ	0.0002
3,3',4,5'-TeCB	PCB-079	41464-48-6	0.0003	0.0003	UJ	0.0003
3,3',4,5'-TeCB	PCB-078	70362-49-1	0.0003	0.0003	UJ	0.0003
3,4,4',5'-TeCB	PCB-081	70362-50-4	0.0009	0.0009	UJ	0.0009
3,3',4,4'-TeCB	PCB-077	32598-13-3	0.0009	0.0009	UJ	0.0009
2,2',4,6,6'-PeCB	PCB-104	56558-16-8	0.0008	0.0008	UJ	0.0008
2,2',3,6,6'-PeCB	PCB-096	73575-54-9	0.0007	0.0007	UJ	0.0007
2,2',4,5',6'-PeCB	PCB-103	60145-21-3	0.0009	0.0009	UJ	0.0009
2,2',4,4',6'-PeCB	PCB-100	39485-83-1	0.001	0.001	UJ	0.001
2,2',3,5,6'-PeCB	PCB-094	73575-55-0	0.0011	0.0011	UJ	0.0011
	PCB-093/098/102		0.0011	0.0011	UJ	0.0011
2,2',3,5',6'-PeCB	PCB-095	38379-99-6	0.0008	0.0008	UJ	0.0008
2,2',3,4,6'-PeCB	PCB-088	55215-17-3	0.0011	0.0011	UJ	0.0011
	PCB-091/121		0.0009	0.0009	UJ	0.0009
2,2',3,3',6'-PeCB	PCB-084	52663-60-2	0.0011	0.0011	UJ	0.0011
2,2',3,5,5'-PeCB	PCB-092	52663-61-3	0.0012	0.0012	UJ	0.0012
2,2',3,4,6'-PeCB	PCB-089	73575-57-2	0.0012	0.0012	UJ	0.0012
2,2',3,4',5'-PeCB	PCB-090	68194-07-0	0.0013	0.0013	UJ	0.0013
2,2',4,5,5'-PeCB	PCB-101	37680-73-2	0.0009	0.0009	UJ	0.0009
2,3,3',5',6'-PeCB	PCB-113	68194-10-5	0.0011	0.0009	NJ	0.0009
2,2',4,4',5'-PeCB	PCB-099	38380-01-7	0.001	0.001	UJ	0.001
	PCB-112/119		0.0008	0.0008	UJ	0.0008
	PCB-083/109		0.001	0.001	UJ	0.001
	PCB-086/117		0.0012	0.0012	UJ	0.0012
	PCB-097/116		0.001	0.001	UJ	0.001
2,3',4',5',6'-PeCB	PCB-125	74472-39-2	0.0008	0.0008	UJ	0.0008
	PCB-087/115		0.001	0.001	UJ	0.001
2,3,3',5,5'-PeCB	PCB-111	39635-32-0	0.0008	0.0008	UJ	0.0008
2,2',3,4,4'-PeCB	PCB-085	65510-45-4	0.0011	0.0011	UJ	0.0011
2,3',4,5,5'-PeCB	PCB-120	68194-12-7	0.0009	0.0009	UJ	0.0009
2,3,3',4',6'-PeCB	PCB-110	38380-03-9	0.0008	0.0008	UJ	0.0008
2,2',3,3',4'-PeCB	PCB-082	52663-62-4	0.0013	0.0013	UJ	0.0013
2,3',4',5,5'-PeCB	PCB-124	70424-70-3	0.0003	0.0003	UJ	0.0003
	PCB-107/108		0.0005	0.0005	UJ	0.0005
2,3',4,4',5'-PeCB	PCB-123	65510-44-3	0.0005	0.0005	UJ	0.0005
2,3,3',4,5'-PeCB	PCB-106	70424-69-0	0.0004	0.0004	UJ	0.0004
2,3',4,4',5'-PeCB	PCB-118	31508-00-6	0.0006	0.0006	UJ	0.0006
2,3,4,4',5'-PeCB	PCB-114	74472-37-0	0.0005	0.0005	UJ	0.0005



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Client ID:	<u>PCB Product Sample (012-091814-0930)</u>	Date Extracted: <u>12/3/2014</u>
Field ID:	<u>#14-15226 (Pesticide/Herbicide)</u>	Date Analysed: <u>12/15/2014</u>
PRL ID:	<u>PR142940</u>	HRMS File: <u>FS12141411</u>

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3,3',4',5'-PeCB	PCB-122	76842-07-4	0.0005	0.0005	UJ	0.0005
	PCB-105/127		0.0005	0.0005	UJ	0.0005
3,3',4,4',5'-PeCB	PCB-126	57465-28-8	0.0009	0.0009	UJ	0.0009
2,2',4,4',6,6'-HxCB	PCB-155	33979-03-2	0.0002	0.0002	UJ	0.0002
2,2',3,4',6,6'-HxCB	PCB-150	68194-08-1	0.0002	0.0002	UJ	0.0002
2,2',3,5,6,6'-HxCB	PCB-152	68194-09-2	0.0002	0.0002	UJ	0.0002
2,2',3,4,6,6'-HxCB	PCB-145	74472-40-5	0.0002	0.0002	UJ	0.0002
	PCB-136/148		0.0003	0.0003	UJ	0.0003
2,2',4,4',5,6'-HxCB	PCB-154	60145-22-4	0.0003	0.0003	UJ	0.0003
2,2',3,5,5',6'-HxCB	PCB-151	52663-63-5	0.0003	0.0003	UJ	0.0003
2,2',3,3',5,6'-HxCB	PCB-135	52744-13-5	0.0004	0.0004	UJ	0.0004
2,2',3,4,5',6'-HxCB	PCB-144	68194-14-9	0.0003	0.0003	UJ	0.0003
2,2',3,4',5,6'-HxCB	PCB-147	68194-13-8	0.0003	0.0003	UJ	0.0003
	PCB-139/149		0.0003	0.0003	UJ	0.0003
2,2',3,4,4',6'-HxCB	PCB-140	59291-64-4	0.0001	0.0001	UJ	0.0001
2,2',3,4,5,6'-HxCB	PCB-143	68194-15-0	0.0001	0.0001	UJ	0.0001
2,2',3,3',5,6'-HxCB	PCB-134	52704-70-8	0.0002	0.0002	UJ	0.0002
2,2',3,4,5,6'-HxCB	PCB-142	41411-61-4	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,6'-HxCB	PCB-131	61798-70-7	0.0002	0.0002	UJ	0.0002
2,2',3,3',5,5'-HxCB	PCB-133	35694-04-3	0.0001	0.0001	UJ	0.0001
2,3,3',5,5',6'-HxCB	PCB-165	74472-46-1	0.0001	0.0001	UJ	0.0001
2,2',3,4',5,5'-HxCB	PCB-146	51908-16-8	0.0001	0.0001	UJ	0.0001
	PCB-132/161		0.0008	0.0001	NJ	0.0001
2,2',4,4',5,5'-HxCB	PCB-153	35065-27-1	0.0001	0.0001	UJ	0.0001
2,3',4,4',5',6'-HxCB	PCB-168	59291-65-5	0.0001	0.0001	UJ	0.0001
2,2',3,4,5,5'-HxCB	PCB-141	52712-04-6	0.0001	0.0001	UJ	0.0001
2,2',3,4,4',5'-HxCB	PCB-137	35694-06-5	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,5'-HxCB	PCB-130	52663-66-8	0.0002	0.0002	UJ	0.0002
	PCB-163/164		0.0003	0.0001	NJ	0.0001
	PCB-138/160		0.0004	0.0001	NJ	0.0001
2,3,3',4,4',6'-HxCB	PCB-158	74472-42-7	0.0001	0.0001	UJ	0.0001
2,2',3,3',4,5'-HxCB	PCB-129	55215-18-4	0.0002	0.0002	UJ	0.0002
2,3,4,4',5,6'-HxCB	PCB-166	41411-63-6	0.0001	0.0001	UJ	0.0001
2,3,3',4,5,5'-HxCB	PCB-159	39635-35-3	0.0001	0.0001	UJ	0.0001
	PCB-128/162		0.0004	0.0001	NJ	0.0001
2,3',4,4',5,5'-HxCB	PCB-167	52663-72-6	0.0001	0.0001	UJ	0.0001
2,3,3',4,4',5'-HxCB	PCB-156	38380-08-4	0.0001	0.0001	UJ	0.0001
2,3,3',4,4',5'-HxCB	PCB-157	69782-90-7	0.0001	0.0001	UJ	0.0001
3,3',4,4',5,5'-HxCB	PCB-169	32774-16-6	0.0002	0.0002	UJ	0.0002
2,2',3,4',5,6,6'-HpCB	PCB-188	74487-85-7	0.0002	0.0002	UJ	0.0002
2,2',3,4,4',6,6'-HpCB	PCB-184	74472-48-3	0.0001	0.0001	UJ	0.0001
2,2',3,3',5,6,6'-HpCB	PCB-179	52663-64-6	0.0001	0.0001	UJ	0.0001
2,2',3,3',4,6,6'-HpCB	PCB-176	52663-65-7	0.0001	0.0001	UJ	0.0001
2,2',3,4,5,6,6'-HpCB	PCB-186	74472-49-4	0.0001	0.0001	UJ	0.0001
2,2',3,3',5,5',6'-HpCB	PCB-178	52663-67-9	0.0001	0.0001	UJ	0.0001
2,2',3,3',4,5',6'-HpCB	PCB-175	40186-70-7	0.0001	0.0001	UJ	0.0001
	PCB-182/187		0.0001	0.0001	UJ	0.0001
2,2',3,4,4',5',6'-HpCB	PCB-183	52663-69-1	0.0001	0.0001	UJ	0.0001
2,2',3,4,5,5',6'-HpCB	PCB-185	52712-05-7	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,5,6'-HpCB	PCB-174	38411-25-5	0.0002	0.0002	UJ	0.0002
2,2',3,4,4',5,6'-HpCB	PCB-181	74472-47-2	0.0001	0.0001	UJ	0.0001
2,2',3,3',4,5',6'-HpCB	PCB-177	52663-70-4	0.0001	0.0001	UJ	0.0001



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Client ID:	<u>PCB Product Sample (012-091814-0930)</u>	Date Extracted: <u>12/3/2014</u>
Field ID:	<u>#14-15226 (Pesticide/Herbicide)</u>	Date Analysed: <u>12/15/2014</u>
PRL ID:	<u>PR142940</u>	HRMS File: <u>FS12141411</u>

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,2',3,3',4,4',6-HpCB	PCB-171	52663-71-5	0.0001	0.0001	UJ	0.0001
2,2',3,3',4,5,6-HpCB	PCB-173	68194-16-1	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,5,5'-HpCB	PCB-172	52663-74-8	0.0002	0.0002	UJ	0.0002
2,3,3',4,5,5',6-HpCB	PCB-192	74472-51-8	0.0001	0.0001	UJ	0.0001
2,2',3,4,4',5,5'-HpCB	PCB-180	35065-29-3	0.0002	0.0002	UJ	0.0002
2,3,3',4',5,5',6-HpCB	PCB-193	69782-91-8	0.0001	0.0001	UJ	0.0001
2,3,3',4,4',5,6-HpCB	PCB-191	74472-50-7	0.0001	0.0001	UJ	0.0001
2,2',3,3',4,4',5-HpCB	PCB-170	35065-30-6	0.0002	0.0002	UJ	0.0002
2,3,3',4,4',5,6-HpCB	PCB-190	41411-64-7	0.0001	0.0001	UJ	0.0001
2,3,3',4,4',5,5'-HpCB	PCB-189	39635-31-9	0.0001	0.0001	UJ	0.0001
2,2',3,3',5,5',6,6'-OcCB	PCB-202	2136-99-4	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,5',6,6'-OcCB	PCB-201	40186-71-8	0.0003	0.0002	NJ	0.0002
2,2',3,4,4',5,6,6'-OcCB	PCB-204	74472-52-9	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,4',6,6'-OcCB	PCB-197	33091-17-7	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,5,6,6'-OcCB	PCB-200	52663-73-7	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,5,5',6-OcCB	PCB-198	68194-17-2	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,5,5',6'-OcCB	PCB-199	52663-75-9	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,4',5,6'-OcCB	PCB-196	42740-50-1	0.0008	0.0002	NJ	0.0002
2,2',3,4,4',5,5',6-OcCB	PCB-203	52663-76-0	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,4',5,6-OcCB	PCB-195	52663-78-2	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,4',5,5'-OcCB	PCB-194	35694-08-7	0.0002	0.0002	UJ	0.0002
2,3,3',4,4',5,5',6-OcCB	PCB-205	74472-53-0	0.0001	0.0001	UJ	0.0001
2,2',3,3',4,5,5',6,6'-NoCB	PCB-208	52663-77-1	0.0008	0.0008	UJ	0.0008
2,2',3,3',4,4',5,6,6'-NoCB	PCB-207	52663-79-3	0.0007	0.0007	UJ	0.0007
2,2',3,3',4,4',5,5',6-NoCB	PCB-206	40186-72-9	0.0009	0.0009	UJ	0.0009
2,2',3,3',4,4',5,5',6,6'-DeCB	PCB-209	2051-24-3	0.0001	0.0001	UJ	0.0001

Homologs	# of Congeners				
Monochlorobiphenyls	3	0.0011	0.0011	UJ	
Dichlorobiphenyls	12	0.0024	0.0024	UJ	
Trichlorobiphenyls	24	0.0004	0.0004	UJ	
Tetrachlorobiphenyls	42	0.0001	0.0001	UJ	
Pentachlorobiphenyls	46	0.0003	0.0003	UJ	
Hexachlorobiphenyls	42	0.0001	0.0001	UJ	
Heptachlorobiphenyls	24	0.0001	0.0001	UJ	
Octachlorobiphenyls	12	0.0001	0.0001	UJ	
Nonachlorobiphenyls	3	0.0007	0.0007	UJ	
Decachlorobiphenyl	1	0.0001	0.0001	UJ	
<b>Total PCB</b>		0.0001	0.0001	UJ	



# DATA REPORT

Client:	City of Spokane	Contact: Jeff Donovan
Client ID:	PCB Product Sample (012-091814-0930)	Date Extracted: 12/3/2014
Field ID:	#14-15226 (Pesticide/Herbicide)	Date Analysed: 12/15/2014
PRL ID:	PR142940	HRMS File: FS12141411

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
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Surrogate Recoveries			Acceptance	
Chemical Name	IUPAC #	%	Min	Max
<sup>13</sup> C <sub>12</sub> -2-MoCB	1L	42	5	145
<sup>13</sup> C <sub>12</sub> -4-MoCB	3L	23	5	145
<sup>13</sup> C <sub>12</sub> -2,2'-DiCB	4L	52	5	145
<sup>13</sup> C <sub>12</sub> -4,4'-DiCB	15L	26	5	145
<sup>13</sup> C <sub>12</sub> -2,2',6'-TrCB	19L	51	5	145
<sup>13</sup> C <sub>12</sub> -3,4,4'-TrCB	37L	80	5	145
<sup>13</sup> C <sub>12</sub> -2,2',6,6'-TeCB	54L	61	5	145
<sup>13</sup> C <sub>12</sub> -3,4,4',5'-TeCB	81L	58	5	145
<sup>13</sup> C <sub>12</sub> -3,3',4,4'-TeCB	77L	29	10	145
<sup>13</sup> C <sub>12</sub> -2,2',4,6,6'-PeCB	104L	38	10	145
<sup>13</sup> C <sub>12</sub> -2',3,4,4',5'-PeCB	123L	95	10	145
<sup>13</sup> C <sub>12</sub> -2,3',4,4',5'-PeCB	118L	106	10	145
<sup>13</sup> C <sub>12</sub> -2,3,4,4',5'-PeCB	114L	104	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4'-PeCB	105L	101	10	145
<sup>13</sup> C <sub>12</sub> -3,3',4,4',5'-PeCB	126L	103	10	145
<sup>13</sup> C <sub>12</sub> -2,2',4,4',6,6'-HxCB	155L	93	10	145
<sup>13</sup> C <sub>12</sub> -2,3',4,4',5,5'-HxCB	167L	112	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5'-HxCB	156L	106	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5'-HxCB	157L	113	10	145
<sup>13</sup> C <sub>12</sub> -3,3',4,4',5,5'-HxCB	169L	125	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,4',5,6,6'-HpCB	188L	71	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5,5'-HpCB	189L	98	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',5,5',6,6'-OeCB	202L	69	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5,5',6-OeCB	205L	80	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',4',5,5',6,6'-NoCB	208L	105	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',4,4',5,5',6-NoCB	206L	80	10	145
<sup>13</sup> C <sub>12</sub> -DeCB	209L	84	10	145
<sup>13</sup> C <sub>12</sub> -2,4,4'-TrCB	28L	82	5	145
<sup>13</sup> C <sub>12</sub> -2,3,3',5,5'-PeCB	111L	40	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',5,5',6'-HpCB	178L	83	10	145



# DATA REPORT

Client:	<u>City of Spokane</u>	Contact: <u>Jeff Donovan</u>
Client ID:	<u>PCB Product Sample (012-091814-0930)</u>	Date Extracted: <u>12/3/2014</u>
Field ID:	<u>#14-15226 (Pesticide/Herbicide)</u>	Date Analysed: <u>12/15/2014</u>
PRL ID:	<u>PR142940D</u>	HRMS File: <u>FS12141410</u>

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2-MoCB	PCB-001	2051-60-7	0.001	0.001	UJ	0.001
3-MoCB	PCB-002	2051-61-8	0.0027	0.0023	NJ	0.0023
4-MoCB	PCB-003	2051-62-9	0.0029	0.0029	UJ	0.0029
2,6-DiCB	PCB-010	33146-45-1	0.0031	0.0031	UJ	0.0031
2,2'-DiCB	PCB-004	13029-08-8	0.0025	0.0025	UJ	0.0025
2,5-DiCB	PCB-009	34883-39-1	0.0038	0.0038	UJ	0.0038
2,4-DiCB	PCB-007	33284-50-3	0.0021	0.0021	UJ	0.0021
2,3'-DiCB	PCB-006	25569-80-6	0.0033	0.0033	UJ	0.0033
2,3/2,4'-DiCB	PCB-005/008		0.0028	0.0028	UJ	0.0028
3,5-DiCB	PCB-014	34883-41-5	0.0034	0.0034	UJ	0.0034
3,3'-DiCB	PCB-011	2050-67-1	0.0037	0.0037	UJ	0.0037
3,4/3,4'-DiCB	PCB-012/013		0.0033	0.0033	UJ	0.0033
4,4'-DiCB	PCB-015	2050-68-2	0.0128	0.0128	UJ	0.0128
2,2',6-TrCB	PCB-019	38444-73-4	0.0015	0.0006	NJ	0.0006
2,4,6-TrCB	PCB-030	35693-92-6	0.0009	0.0009	UJ	0.0009
2,2',5-TrCB	PCB-018	37680-65-2	0.0012	0.0012	UJ	0.0012
2,2',4-TrCB	PCB-017	37680-66-3	0.0025	0.0012	NJ	0.0012
2,3,6-TrCB	PCB-024	55702-45-9	0.001	0.001	UJ	0.001
2,3',6-TrCB	PCB-027	38444-76-7	0.0007	0.0007	UJ	0.0007
2,4',6-TrCB	PCB-032	38444-77-8	0.001	0.0009	NJ	0.0009
2,2',3-TrCB	PCB-016	38444-78-9	0.0035	0.0014	NJ	0.0014
2,3,5-TrCB	PCB-023	55720-44-0	0.0008	0.0008	UJ	0.0008
2,3',5'-TrCB	PCB-034	37680-68-5	0.0007	0.0007	UJ	0.0007
2,4,5-TrCB	PCB-029	15862-07-4	0.0004	0.0004	UJ	0.0004
2,3',5-TrCB	PCB-026	38444-81-4	0.0006	0.0006	UJ	0.0006
2,3',4-TrCB	PCB-025	55712-37-3	0.0007	0.0007	UJ	0.0007
2,4',5-TrCB	PCB-031	16606-02-3	0.0005	0.0005	UJ	0.0005
2,4,4'-TrCB	PCB-028	7012-37-5	0.0015	0.0007	NJ	0.0007
2,3,4-TrCB	PCB-021	55702-46-0	0.001	0.001	UJ	0.001
	PCB-020/033		0.0026	0.0007	NJ	0.0007
2,3,4'-TrCB	PCB-022	38444-85-8	0.0008	0.0008	UJ	0.0008
3,3',5-TrCB	PCB-036	38444-87-0	0.0005	0.0005	UJ	0.0005
3,4',5-TrCB	PCB-039	38444-88-1	0.0007	0.0007	UJ	0.0007
3,4,5-TrCB	PCB-038	53555-66-1	0.0008	0.0008	UJ	0.0008
3,3',4-TrCB	PCB-035	37680-69-6	0.0008	0.0007	NJ	0.0007
3,4,4'-TrCB	PCB-037	38444-90-5	0.004	0.004	UJ	0.004
2,2',6,6'-TeCB	PCB-054	15968-05-5	0.001	0.0002	NJ	0.0002
2,2',4,6'-TeCB	PCB-050	62796-65-0	0.0004	0.0004	UJ	0.0004
2,2',5,6'-TeCB	PCB-053	41464-41-9	0.0004	0.0004	UJ	0.0004
2,2',4,6'-TeCB	PCB-051	68194-04-7	0.001	0.0004	NJ	0.0004
2,2',3,6'-TeCB	PCB-045	70362-45-7	0.0004	0.0004	UJ	0.0004
2,2',3,6'-TeCB	PCB-046	41464-47-5	0.0005	0.0005	UJ	0.0005
	PCB-052/069		0.0004	0.0004	UJ	0.0004
2,3',5',6'-TeCB	PCB-073	74338-23-1	0.0003	0.0003	UJ	0.0003
	PCB-043/049		0.0004	0.0004	UJ	0.0004
	PCB-065/075		0.0004	0.0004	UJ	0.0004
	PCB-047/048		0.0004	0.0004	UJ	0.0004
2,3,4,6'-TeCB	PCB-062	54230-22-7	0.0013	0.0003	NJ	0.0003
2,2',3,5'-TeCB	PCB-044	41464-39-5	0.0006	0.0006	UJ	0.0006
2,3,3',6'-TeCB	PCB-059	74472-33-6	0.0003	0.0003	UJ	0.0003
2,2',3,4'-TeCB	PCB-042	36559-22-5	0.0005	0.0005	UJ	0.0005
	PCB-064/072		0.0004	0.0004	UJ	0.0004



# DATA REPORT

Client:	<u>City of Spokane</u>	Contact: <u>Jeff Donovan</u>
Client ID:	<u>PCB Product Sample (012-091814-0930)</u>	Date Extracted: <u>12/3/2014</u>
Field ID:	<u>#14-15226 (Pesticide/Herbicide)</u>	Date Analysed: <u>12/15/2014</u>
PRL ID:	<u>PR142940D</u>	HRMS File: <u>FS12141410</u>

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3',4',6'-TeCB	PCB-071	41464-46-4	0.0003	0.0003	UJ	0.0003
2,2',3,4'-TeCB	PCB-041	52663-59-9	0.0004	0.0004	UJ	0.0004
2,3',4,5'-TeCB	PCB-068	73575-52-7	0.0003	0.0003	UJ	0.0003
	PCB-040/057		0.0004	0.0004	UJ	0.0004
2,3',4,5'-TeCB	PCB-067	73575-53-8	0.0004	0.0004	UJ	0.0004
2,3,4',5'-TeCB	PCB-063	74472-34-7	0.0004	0.0004	UJ	0.0004
2,3,3',5'-TeCB	PCB-058	41464-49-7	0.0002	0.0002	UJ	0.0002
2,3,4,5'-TeCB	PCB-061	33284-53-6	0.0004	0.0004	UJ	0.0004
2,4,4',5'-TeCB	PCB-074	32690-93-0	0.0004	0.0004	UJ	0.0004
2,3',4',5'-TeCB	PCB-070	32598-11-1	0.0005	0.0005	UJ	0.0005
	PCB-055/080		0.0021	0.0003	NJ	0.0003
2,3',4,4'-TeCB	PCB-066	32598-10-0	0.0003	0.0003	UJ	0.0003
2,3',4',5'-TeCB	PCB-076	70362-48-0	0.0004	0.0004	UJ	0.0004
2,3,4,4'-TeCB	PCB-060	33025-41-1	0.0006	0.0006	UJ	0.0006
2,3,3',4'-TeCB	PCB-056	41464-43-1	0.0003	0.0003	UJ	0.0003
3,3',4,5'-TeCB	PCB-079	41464-48-6	0.0005	0.0005	UJ	0.0005
3,3',4,5'-TeCB	PCB-078	70362-49-1	0.0004	0.0004	UJ	0.0004
3,4,4',5'-TeCB	PCB-081	70362-50-4	0.0011	0.0011	UJ	0.0011
3,3',4,4'-TeCB	PCB-077	32598-13-3	0.0012	0.0012	UJ	0.0012
2,2',4,6,6'-PeCB	PCB-104	56558-16-8	0.0011	0.0011	UJ	0.0011
2,2',3,6,6'-PeCB	PCB-096	73575-54-9	0.001	0.001	UJ	0.001
2,2',4,5',6'-PeCB	PCB-103	60145-21-3	0.0012	0.0012	UJ	0.0012
2,2',4,4',6'-PeCB	PCB-100	39485-83-1	0.0014	0.0014	UJ	0.0014
2,2',3,5,6'-PeCB	PCB-094	73575-55-0	0.0016	0.0016	UJ	0.0016
	PCB-093/098/102		0.0015	0.0015	UJ	0.0015
2,2',3,5',6'-PeCB	PCB-095	38379-99-6	0.0012	0.0012	UJ	0.0012
2,2',3,4,6'-PeCB	PCB-088	55215-17-3	0.0015	0.0015	UJ	0.0015
	PCB-091/121		0.0012	0.0012	UJ	0.0012
2,2',3,3',6'-PeCB	PCB-084	52663-60-2	0.0016	0.0016	UJ	0.0016
2,2',3,5,5'-PeCB	PCB-092	52663-61-3	0.0016	0.0016	UJ	0.0016
2,2',3,4,6'-PeCB	PCB-089	73575-57-2	0.0017	0.0017	UJ	0.0017
2,2',3,4',5'-PeCB	PCB-090	68194-07-0	0.0018	0.0018	UJ	0.0018
2,2',4,5,5'-PeCB	PCB-101	37680-73-2	0.0012	0.0012	UJ	0.0012
2,3,3',5',6'-PeCB	PCB-113	68194-10-5	0.0012	0.0012	UJ	0.0012
2,2',4,4',5'-PeCB	PCB-099	38380-01-7	0.0013	0.0013	UJ	0.0013
	PCB-112/119		0.0011	0.0011	UJ	0.0011
	PCB-083/109		0.0015	0.0015	UJ	0.0015
	PCB-086/117		0.0017	0.0017	UJ	0.0017
	PCB-097/116		0.0014	0.0014	UJ	0.0014
2,3',4',5',6'-PeCB	PCB-125	74472-39-2	0.0011	0.0011	UJ	0.0011
	PCB-087/115		0.0032	0.0014	NJ	0.0014
2,3,3',5,5'-PeCB	PCB-111	39635-32-0	0.0011	0.0011	UJ	0.0011
2,2',3,4,4'-PeCB	PCB-085	65510-45-4	0.0015	0.0015	UJ	0.0015
2,3',4,5,5'-PeCB	PCB-120	68194-12-7	0.0013	0.0013	UJ	0.0013
2,3,3',4',6'-PeCB	PCB-110	38380-03-9	0.0011	0.0011	UJ	0.0011
2,2',3,3',4'-PeCB	PCB-082	52663-62-4	0.0018	0.0018	UJ	0.0018
2,3',4',5,5'-PeCB	PCB-124	70424-70-3	0.0006	0.0006	UJ	0.0006
	PCB-107/108		0.0007	0.0007	UJ	0.0007
2,3',4,4',5'-PeCB	PCB-123	65510-44-3	0.0008	0.0008	UJ	0.0008
2,3,3',4,5'-PeCB	PCB-106	70424-69-0	0.0006	0.0006	UJ	0.0006
2,3',4,4',5'-PeCB	PCB-118	31508-00-6	0.0008	0.0008	UJ	0.0008
2,3,4,4',5'-PeCB	PCB-114	74472-37-0	0.0008	0.0008	UJ	0.0008



# DATA REPORT

Client:	<u>City of Spokane</u>	Contact: <u>Jeff Donovan</u>
Client ID:	<u>PCB Product Sample (012-091814-0930)</u>	Date Extracted: <u>12/3/2014</u>
Field ID:	<u>#14-15226 (Pesticide/Herbicide)</u>	Date Analysed: <u>12/15/2014</u>
PRL ID:	<u>PR142940D</u>	HRMS File: <u>FS12141410</u>

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3,3',4',5'-PeCB	PCB-122	76842-07-4	0.0007	0.0007	UJ	0.0007
	PCB-105/127		0.0008	0.0007	NJ	0.0007
3,3',4,4',5'-PeCB	PCB-126	57465-28-8	0.0013	0.0013	UJ	0.0013
2,2',4,4',6,6'-HxCB	PCB-155	33979-03-2	0.0003	0.0003	UJ	0.0003
2,2',3,4',6,6'-HxCB	PCB-150	68194-08-1	0.0005	0.0005	UJ	0.0005
2,2',3,5,6,6'-HxCB	PCB-152	68194-09-2	0.0004	0.0004	UJ	0.0004
2,2',3,4,6,6'-HxCB	PCB-145	74472-40-5	0.0004	0.0004	UJ	0.0004
	PCB-136/148		0.0005	0.0005	UJ	0.0005
2,2',4,4',5,6'-HxCB	PCB-154	60145-22-4	0.0005	0.0005	UJ	0.0005
2,2',3,5,5',6'-HxCB	PCB-151	52663-63-5	0.0006	0.0006	UJ	0.0006
2,2',3,3',5,6'-HxCB	PCB-135	52744-13-5	0.0007	0.0007	UJ	0.0007
2,2',3,4,5',6'-HxCB	PCB-144	68194-14-9	0.0006	0.0006	UJ	0.0006
2,2',3,4',5,6'-HxCB	PCB-147	68194-13-8	0.0005	0.0005	UJ	0.0005
	PCB-139/149		0.0006	0.0006	UJ	0.0006
2,2',3,4,4',6'-HxCB	PCB-140	59291-64-4	0.0002	0.0002	UJ	0.0002
2,2',3,4,5,6'-HxCB	PCB-143	68194-15-0	0.0003	0.0003	UJ	0.0003
2,2',3,3',5,6'-HxCB	PCB-134	52704-70-8	0.0003	0.0003	UJ	0.0003
2,2',3,4,5,6'-HxCB	PCB-142	41411-61-4	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,6'-HxCB	PCB-131	61798-70-7	0.0004	0.0004	UJ	0.0004
2,2',3,3',5,5'-HxCB	PCB-133	35694-04-3	0.0002	0.0002	UJ	0.0002
2,3,3',5,5',6'-HxCB	PCB-165	74472-46-1	0.0002	0.0002	UJ	0.0002
2,2',3,4',5,5'-HxCB	PCB-146	51908-16-8	0.0002	0.0002	UJ	0.0002
	PCB-132/161		0.0003	0.0002	NJ	0.0002
2,2',4,4',5,5'-HxCB	PCB-153	35065-27-1	0.0026	0.0003	NJ	0.0003
2,3',4,4',5',6'-HxCB	PCB-168	59291-65-5	0.0002	0.0002	UJ	0.0002
2,2',3,4,5,5'-HxCB	PCB-141	52712-04-6	0.0009	0.0003	NJ	0.0003
2,2',3,4,4',5'-HxCB	PCB-137	35694-06-5	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,5'-HxCB	PCB-130	52663-66-8	0.0003	0.0003	UJ	0.0003
	PCB-163/164		0.0002	0.0002	UJ	0.0002
	PCB-138/160		0.0014	0.0002	NJ	0.0002
2,3,3',4,4',6'-HxCB	PCB-158	74472-42-7	0.0002	0.0002	NJ	0.0002
2,2',3,3',4,5'-HxCB	PCB-129	55215-18-4	0.0009	0.0003	NJ	0.0003
2,3,4,4',5,6'-HxCB	PCB-166	41411-63-6	0.0002	0.0002	UJ	0.0002
2,3,3',4,5,5'-HxCB	PCB-159	39635-35-3	0.0002	0.0002	UJ	0.0002
	PCB-128/162		0.0002	0.0002	UJ	0.0002
2,3',4,4',5,5'-HxCB	PCB-167	52663-72-6	0.0007	0.0002	NJ	0.0002
2,3,3',4,4',5'-HxCB	PCB-156	38380-08-4	0.0002	0.0002	UJ	0.0002
2,3,3',4,4',5'-HxCB	PCB-157	69782-90-7	0.0003	0.0003	UJ	0.0003
3,3',4,4',5,5'-HxCB	PCB-169	32774-16-6	0.0008	0.0004	NJ	0.0004
2,2',3,4',5,6,6'-HpCB	PCB-188	74487-85-7	0.0002	0.0002	UJ	0.0002
2,2',3,4,4',6,6'-HpCB	PCB-184	74472-48-3	0.0002	0.0002	UJ	0.0002
2,2',3,3',5,6,6'-HpCB	PCB-179	52663-64-6	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,6,6'-HpCB	PCB-176	52663-65-7	0.0002	0.0002	UJ	0.0002
2,2',3,4,5,6,6'-HpCB	PCB-186	74472-49-4	0.0002	0.0002	UJ	0.0002
2,2',3,3',5,5',6'-HpCB	PCB-178	52663-67-9	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,5',6'-HpCB	PCB-175	40186-70-7	0.0002	0.0002	UJ	0.0002
	PCB-182/187		0.0007	0.0002	NJ	0.0002
2,2',3,4,4',5',6'-HpCB	PCB-183	52663-69-1	0.0002	0.0002	UJ	0.0002
2,2',3,4,5,5',6'-HpCB	PCB-185	52712-05-7	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,5,6'-HpCB	PCB-174	38411-25-5	0.0002	0.0002	UJ	0.0002
2,2',3,4,4',5,6'-HpCB	PCB-181	74472-47-2	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,5',6'-HpCB	PCB-177	52663-70-4	0.0004	0.0002	NJ	0.0002



# DATA REPORT

Client:	<u>City of Spokane</u>	Contact: <u>Jeff Donovan</u>
Client ID:	<u>PCB Product Sample (012-091814-0930)</u>	Date Extracted: <u>12/3/2014</u>
Field ID:	<u>#14-15226 (Pesticide/Herbicide)</u>	Date Analysed: <u>12/15/2014</u>
PRL ID:	<u>PR142940D</u>	HRMS File: <u>FS12141410</u>

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,2',3,3',4,4',6-HpCB	PCB-171	52663-71-5	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,5,6-HpCB	PCB-173	68194-16-1	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,5,5'-HpCB	PCB-172	52663-74-8	0.0003	0.0003	UJ	0.0003
2,3,3',4,5,5',6-HpCB	PCB-192	74472-51-8	0.0002	0.0002	UJ	0.0002
2,2',3,4,4',5,5'-HpCB	PCB-180	35065-29-3	0.0003	0.0003	UJ	0.0003
2,3,3',4',5,5',6-HpCB	PCB-193	69782-91-8	0.0002	0.0002	UJ	0.0002
2,3,3',4,4',5,6-HpCB	PCB-191	74472-50-7	0.0002	0.0002	NJ	0.0002
2,2',3,3',4,4',5-HpCB	PCB-170	35065-30-6	0.0003	0.0003	UJ	0.0003
2,3,3',4,4',5,6-HpCB	PCB-190	41411-64-7	0.0002	0.0002	UJ	0.0002
2,3,3',4,4',5,5'-HpCB	PCB-189	39635-31-9	0.0003	0.0001	NJ	0.0001
2,2',3,3',5,5',6,6'-OcCB	PCB-202	2136-99-4	0.0001	0.0001	UJ	0.0001
2,2',3,3',4,5',6,6'-OcCB	PCB-201	40186-71-8	0.0001	0.0001	UJ	0.0001
2,2',3,4,4',5,6,6'-OcCB	PCB-204	74472-52-9	0.0001	0.0001	UJ	0.0001
2,2',3,3',4,4',6,6'-OcCB	PCB-197	33091-17-7	0.0001	0.0001	UJ	0.0001
2,2',3,3',4,5,6,6'-OcCB	PCB-200	52663-73-7	0.0001	0.0001	UJ	0.0001
2,2',3,3',4,5,5',6-OcCB	PCB-198	68194-17-2	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,5,5',6'-OcCB	PCB-199	52663-75-9	0.0005	0.0002	NJ	0.0002
2,2',3,3',4,4',5,6'-OcCB	PCB-196	42740-50-1	0.0002	0.0002	UJ	0.0002
2,2',3,4,4',5,5',6-OcCB	PCB-203	52663-76-0	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,4',5,6-OcCB	PCB-195	52663-78-2	0.0001	0.0001	UJ	0.0001
2,2',3,3',4,4',5,5'-OcCB	PCB-194	35694-08-7	0.0001	0.0001	UJ	0.0001
2,3,3',4,4',5,5',6-OcCB	PCB-205	74472-53-0	0.0036	0.0001	NJ	0.0001
2,2',3,3',4,5,5',6,6'-NoCB	PCB-208	52663-77-1	0.0012	0.0012	UJ	0.0012
2,2',3,3',4,4',5,6,6'-NoCB	PCB-207	52663-79-3	0.001	0.001	UJ	0.001
2,2',3,3',4,4',5,5',6-NoCB	PCB-206	40186-72-9	0.0039	0.0011	NJ	0.0011
2,2',3,3',4,4',5,5',6,6'-DeCB	PCB-209	2051-24-3	0.0002	0.0001	NJ	0.0001

Homologs	# of Congeners	Conc.	DL	Flag
Monochlorobiphenyls	3	0.001	0.001	UJ
Dichlorobiphenyls	12	0.0021	0.0021	UJ
Trichlorobiphenyls	24	0.0004	0.0004	UJ
Tetrachlorobiphenyls	42	0.0002	0.0002	UJ
Pentachlorobiphenyls	46	0.0006	0.0006	UJ
Hexachlorobiphenyls	42	0.0002	0.0002	UJ
Heptachlorobiphenyls	24	0.0001	0.0001	UJ
Octachlorobiphenyls	12	0.0001	0.0001	UJ
Nonachlorobiphenyls	3	0.001	0.001	UJ
Decachlorobiphenyl	1	0.0001	0.0001	UJ
<b>Total PCB</b>		0.0001	0.0001	UJ



# DATA REPORT

Client:	City of Spokane	Contact: Jeff Donovan
Client ID:	PCB Product Sample (012-091814-0930)	Date Extracted: 12/3/2014
Field ID:	#14-15226 (Pesticide/Herbicide)	Date Analysed: 12/15/2014
PRL ID:	PR142940D	HRMS File: FS12141410

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
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Surrogate Recoveries			Acceptance	
Chemical Name	IUPAC #	%	Min	Max
<sup>13</sup> C <sub>12</sub> -2-MoCB	1L	50	5	145
<sup>13</sup> C <sub>12</sub> -4-MoCB	3L	25	5	145
<sup>13</sup> C <sub>12</sub> -2,2'-DiCB	4L	63	5	145
<sup>13</sup> C <sub>12</sub> -4,4'-DiCB	15L	20	5	145
<sup>13</sup> C <sub>12</sub> -2,2',6'-TrCB	19L	57	5	145
<sup>13</sup> C <sub>12</sub> -3,4,4'-TrCB	37L	60	5	145
<sup>13</sup> C <sub>12</sub> -2,2',6,6'-TeCB	54L	54	5	145
<sup>13</sup> C <sub>12</sub> -3,4,4',5'-TeCB	81L	56	5	145
<sup>13</sup> C <sub>12</sub> -3,3',4,4'-TeCB	77L	25	10	145
<sup>13</sup> C <sub>12</sub> -2,2',4,6,6'-PeCB	104L	49	10	145
<sup>13</sup> C <sub>12</sub> -2',3,4,4',5'-PeCB	123L	60	10	145
<sup>13</sup> C <sub>12</sub> -2,3',4,4',5'-PeCB	118L	62	10	145
<sup>13</sup> C <sub>12</sub> -2,3,4,4',5'-PeCB	114L	63	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4'-PeCB	105L	79	10	145
<sup>13</sup> C <sub>12</sub> -3,3',4,4',5'-PeCB	126L	74	10	145
<sup>13</sup> C <sub>12</sub> -2,2',4,4',6,6'-HxCB	155L	84	10	145
<sup>13</sup> C <sub>12</sub> -2,3',4,4',5,5'-HxCB	167L	64	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5'-HxCB	156L	57	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5'-HxCB	157L	59	10	145
<sup>13</sup> C <sub>12</sub> -3,3',4,4',5,5'-HxCB	169L	66	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,4',5,6,6'-HpCB	188L	62	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5,5'-HpCB	189L	96	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',5,5',6,6'-OeCB	202L	71	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5,5',6-OeCB	205L	76	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',4',5,5',6,6'-NoCB	208L	82	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',4,4',5,5',6-NoCB	206L	76	10	145
<sup>13</sup> C <sub>12</sub> -DeCB	209L	82	10	145
<sup>13</sup> C <sub>12</sub> -2,4,4'-TrCB	28L	71	5	145
<sup>13</sup> C <sub>12</sub> -2,3,3',5,5'-PeCB	111L	63	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',5,5',6'-HpCB	178L	69	10	145



# DATA REPORT

Client:	City of Spokane	Contact: Jeff Donovan
Client ID:	PCB Product Sample (013-091814-0940)	Date Extracted: 12/3/2014
Field ID:	#14-15227 (Pesticide/Herbicide)	Date Analysed: 12/15/2014
PRL ID:	PR142941	HRMS File: FS12141407

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2-MoCB	PCB-001	2051-60-7	0.0013	0.0012	NJ	0.0012
3-MoCB	PCB-002	2051-61-8	0.0027	0.0027	UJ	0.0027
4-MoCB	PCB-003	2051-62-9	0.004	0.004	UJ	0.004
2,6-DiCB	PCB-010	33146-45-1	0.0027	0.0027	UJ	0.0027
2,2'-DiCB	PCB-004	13029-08-8	0.0023	0.0023	UJ	0.0023
2,5-DiCB	PCB-009	34883-39-1	0.0033	0.0033	UJ	0.0033
2,4-DiCB	PCB-007	33284-50-3	0.0018	0.0018	UJ	0.0018
2,3'-DiCB	PCB-006	25569-80-6	0.0028	0.0028	UJ	0.0028
2,3/2,4'-DiCB	PCB-005/008		0.0024	0.0024	UJ	0.0024
3,5-DiCB	PCB-014	34883-41-5	0.003	0.003	UJ	0.003
3,3'-DiCB	PCB-011	2050-67-1	0.0032	0.0032	UJ	0.0032
3,4/3,4'-DiCB	PCB-012/013		0.0028	0.0028	UJ	0.0028
4,4'-DiCB	PCB-015	2050-68-2	0.0092	0.0092	UJ	0.0092
2,2',6-TrCB	PCB-019	38444-73-4	0.0013	0.0013	UJ	0.0013
2,4,6-TrCB	PCB-030	35693-92-6	0.0016	0.0016	UJ	0.0016
2,2',5-TrCB	PCB-018	37680-65-2	0.0021	0.0021	UJ	0.0021
2,2',4-TrCB	PCB-017	37680-66-3	0.0022	0.0022	UJ	0.0022
2,3,6-TrCB	PCB-024	55702-45-9	0.0019	0.0019	UJ	0.0019
2,3',6-TrCB	PCB-027	38444-76-7	0.0012	0.0012	UJ	0.0012
2,4',6-TrCB	PCB-032	38444-77-8	0.0016	0.0016	UJ	0.0016
2,2',3-TrCB	PCB-016	38444-78-9	0.009	0.0025	NJ	0.0025
2,3,5-TrCB	PCB-023	55720-44-0	0.0013	0.0013	UJ	0.0013
2,3',5'-TrCB	PCB-034	37680-68-5	0.0012	0.0012	UJ	0.0012
2,4,5-TrCB	PCB-029	15862-07-4	0.0008	0.0008	UJ	0.0008
2,3',5-TrCB	PCB-026	38444-81-4	0.0011	0.0011	UJ	0.0011
2,3',4-TrCB	PCB-025	55712-37-3	0.0012	0.0012	UJ	0.0012
2,4',5-TrCB	PCB-031	16606-02-3	0.0009	0.0009	UJ	0.0009
2,4,4'-TrCB	PCB-028	7012-37-5	0.0064	0.0013	J	0.0013
2,3,4-TrCB	PCB-021	55702-46-0	0.0018	0.0018	UJ	0.0018
	PCB-020/033		0.0016	0.0012	NJ	0.0012
2,3,4'-TrCB	PCB-022	38444-85-8	0.0015	0.0015	UJ	0.0015
3,3',5-TrCB	PCB-036	38444-87-0	0.0018	0.001	NJ	0.001
3,4',5-TrCB	PCB-039	38444-88-1	0.0012	0.0012	UJ	0.0012
3,4,5-TrCB	PCB-038	53555-66-1	0.0015	0.0015	UJ	0.0015
3,3',4-TrCB	PCB-035	37680-69-6	0.0013	0.0013	UJ	0.0013
3,4,4'-TrCB	PCB-037	38444-90-5	0.0053	0.0053	UJ	0.0053
2,2',6,6'-TeCB	PCB-054	15968-05-5	0.0008	0.0008	UJ	0.0008
2,2',4,6'-TeCB	PCB-050	62796-65-0	0.0019	0.0019	UJ	0.0019
2,2',5,6'-TeCB	PCB-053	41464-41-9	0.0021	0.0021	UJ	0.0021
2,2',4,6'-TeCB	PCB-051	68194-04-7	0.002	0.002	UJ	0.002
2,2',3,6'-TeCB	PCB-045	70362-45-7	0.0021	0.0021	UJ	0.0021
2,2',3,6'-TeCB	PCB-046	41464-47-5	0.0025	0.0025	UJ	0.0025
	PCB-052/069		0.0052	0.0019	J	0.0019
2,3',5',6'-TeCB	PCB-073	74338-23-1	0.0014	0.0014	UJ	0.0014
	PCB-043/049		0.0021	0.0021	UJ	0.0021
	PCB-065/075		0.0019	0.0019	UJ	0.0019
	PCB-047/048		0.657	0.0018		0.0018
2,3,4,6-TeCB	PCB-062	54230-22-7	0.0013	0.0013	UJ	0.0013
2,2',3,5'-TeCB	PCB-044	41464-39-5	0.0031	0.0031	UJ	0.0031
2,3,3',6'-TeCB	PCB-059	74472-33-6	0.0016	0.0016	UJ	0.0016
2,2',3,4'-TeCB	PCB-042	36559-22-5	0.0022	0.0022	UJ	0.0022
	PCB-064/072		5.15	0.0018		0.0018



# DATA REPORT

Client:	<u>City of Spokane</u>	Contact: <u>Jeff Donovan</u>
Client ID:	<u>PCB Product Sample (013-091814-0940)</u>	Date Extracted: <u>12/3/2014</u>
Field ID:	<u>#14-15227 (Pesticide/Herbicide)</u>	Date Analysed: <u>12/15/2014</u>
PRL ID:	<u>PR142941</u>	HRMS File: <u>FS12141407</u>

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3',4',6-TeCB	PCB-071	41464-46-4	0.0013	0.0013	UJ	0.0013
2,2',3,4-TeCB	PCB-041	52663-59-9	0.002	0.002	UJ	0.002
2,3',4,5'-TeCB	PCB-068	73575-52-7	0.0016	0.0016	UJ	0.0016
	PCB-040/057		0.002	0.002	UJ	0.002
2,3',4,5-TeCB	PCB-067	73575-53-8	0.0019	0.0019	UJ	0.0019
2,3,4',5-TeCB	PCB-063	74472-34-7	0.0021	0.0021	UJ	0.0021
2,3,3',5'-TeCB	PCB-058	41464-49-7	0.0011	0.0011	UJ	0.0011
2,3,4,5-TeCB	PCB-061	33284-53-6	0.0018	0.0018	UJ	0.0018
2,4,4',5-TeCB	PCB-074	32690-93-0	0.0017	0.0017	UJ	0.0017
2,3',4',5-TeCB	PCB-070	32598-11-1	0.0026	0.0026	UJ	0.0026
	PCB-055/080		0.0017	0.0017	UJ	0.0017
2,3',4,4'-TeCB	PCB-066	32598-10-0	0.0013	0.0013	UJ	0.0013
2,3',4',5'-TeCB	PCB-076	70362-48-0	0.0019	0.0019	UJ	0.0019
2,3,4,4'-TeCB	PCB-060	33025-41-1	0.0029	0.0029	UJ	0.0029
2,3,3',4'-TeCB	PCB-056	41464-43-1	0.0013	0.0013	UJ	0.0013
3,3',4,5'-TeCB	PCB-079	41464-48-6	0.0022	0.0022	UJ	0.0022
3,3',4,5-TeCB	PCB-078	70362-49-1	0.0018	0.0018	UJ	0.0018
3,4,4',5-TeCB	PCB-081	70362-50-4	0.0056	0.0056	UJ	0.0056
3,3',4,4'-TeCB	PCB-077	32598-13-3	0.0079	0.0079	UJ	0.0079
2,2',4,6,6'-PeCB	PCB-104	56558-16-8	0.0019	0.0009	NJ	0.0009
2,2',3,6,6'-PeCB	PCB-096	73575-54-9	0.0017	0.0017	UJ	0.0017
2,2',4,5',6-PeCB	PCB-103	60145-21-3	0.002	0.002	UJ	0.002
2,2',4,4',6-PeCB	PCB-100	39485-83-1	0.0023	0.0023	UJ	0.0023
2,2',3,5,6'-PeCB	PCB-094	73575-55-0	0.0027	0.0027	UJ	0.0027
	PCB-093/098/102		0.0093	0.0025	NJ	0.0025
2,2',3,5',6-PeCB	PCB-095	38379-99-6	0.0019	0.0019	UJ	0.0019
2,2',3,4,6-PeCB	PCB-088	55215-17-3	0.0024	0.0024	UJ	0.0024
	PCB-091/121		0.176	0.002		0.002
2,2',3,3',6-PeCB	PCB-084	52663-60-2	0.0026	0.0026	UJ	0.0026
2,2',3,5,5'-PeCB	PCB-092	52663-61-3	0.0027	0.0027	UJ	0.0027
2,2',3,4,6'-PeCB	PCB-089	73575-57-2	0.0027	0.0027	UJ	0.0027
2,2',3,4',5-PeCB	PCB-090	68194-07-0	0.661	0.0029		0.0029
2,2',4,5,5'-PeCB	PCB-101	37680-73-2	0.0487	0.002		0.002
2,3,3',5',6-PeCB	PCB-113	68194-10-5	0.0021	0.0021	UJ	0.0021
2,2',4,4',5-PeCB	PCB-099	38380-01-7	0.132	0.0022		0.0022
	PCB-112/119		0.0019	0.0019	UJ	0.0019
	PCB-083/109		0.0024	0.0024	UJ	0.0024
	PCB-086/117		0.0028	0.0028	UJ	0.0028
	PCB-097/116		0.0023	0.0023	UJ	0.0023
2,3',4',5',6-PeCB	PCB-125	74472-39-2	0.0019	0.0019	UJ	0.0019
	PCB-087/115		0.0023	0.0023	UJ	0.0023
2,3,3',5,5'-PeCB	PCB-111	39635-32-0	0.0018	0.0018	UJ	0.0018
2,2',3,4,4'-PeCB	PCB-085	65510-45-4	0.0025	0.0025	UJ	0.0025
2,3',4,5,5'-PeCB	PCB-120	68194-12-7	0.0172	0.0022	N	0.0022
2,3,3',4',6-PeCB	PCB-110	38380-03-9	0.0018	0.0018	UJ	0.0018
2,2',3,3',4-PeCB	PCB-082	52663-62-4	0.0031	0.0031	UJ	0.0031
2,3',4',5,5'-PeCB	PCB-124	70424-70-3	0.0009	0.0009	UJ	0.0009
	PCB-107/108		0.0083	0.0012	NJ	0.0012
2,3',4,4',5'-PeCB	PCB-123	65510-44-3	0.0084	0.0014	NJ	0.0014
2,3,3',4,5-PeCB	PCB-106	70424-69-0	0.001	0.001	UJ	0.001
2,3',4,4',5-PeCB	PCB-118	31508-00-6	0.0014	0.0014	UJ	0.0014
2,3,4,4',5-PeCB	PCB-114	74472-37-0	0.0015	0.0015	UJ	0.0015



# DATA REPORT

Client:	City of Spokane	Contact: <u>Jeff Donovan</u>
Client ID:	PCB Product Sample (013-091814-0940)	Date Extracted: <u>12/3/2014</u>
Field ID:	#14-15227 (Pesticide/Herbicide)	Date Analysed: <u>12/15/2014</u>
PRL ID:	PR142941	HRMS File: <u>FS12141407</u>

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3,3',4',5'-PeCB	PCB-122	76842-07-4	0.0012	0.0012	UJ	0.0012
	PCB-105/127		0.0016	0.0016	UJ	0.0016
3,3',4,4',5'-PeCB	PCB-126	57465-28-8	0.0026	0.0026	UJ	0.0026
2,2',4,4',6,6'-HxCB	PCB-155	33979-03-2	0.0004	0.0004	UJ	0.0004
2,2',3,4',6,6'-HxCB	PCB-150	68194-08-1	0.0005	0.0005	UJ	0.0005
2,2',3,5,6,6'-HxCB	PCB-152	68194-09-2	0.0005	0.0005	UJ	0.0005
2,2',3,4,6,6'-HxCB	PCB-145	74472-40-5	0.0045	0.0005	NJ	0.0005
	PCB-136/148		0.0006	0.0006	UJ	0.0006
2,2',4,4',5,6'-HxCB	PCB-154	60145-22-4	0.0006	0.0006	UJ	0.0006
2,2',3,5,5',6'-HxCB	PCB-151	52663-63-5	0.0007	0.0007	UJ	0.0007
2,2',3,3',5,6'-HxCB	PCB-135	52744-13-5	0.0008	0.0008	UJ	0.0008
2,2',3,4,5',6'-HxCB	PCB-144	68194-14-9	0.0007	0.0007	UJ	0.0007
2,2',3,4',5,6'-HxCB	PCB-147	68194-13-8	0.0006	0.0006	UJ	0.0006
	PCB-139/149		0.0199	0.0007	N	0.0007
2,2',3,4,4',6'-HxCB	PCB-140	59291-64-4	0.0002	0.0002	UJ	0.0002
2,2',3,4,5,6'-HxCB	PCB-143	68194-15-0	0.0028	0.0003	NJ	0.0003
2,2',3,3',5,6'-HxCB	PCB-134	52704-70-8	0.0004	0.0004	UJ	0.0004
2,2',3,4,5,6'-HxCB	PCB-142	41411-61-4	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,6'-HxCB	PCB-131	61798-70-7	0.0004	0.0004	UJ	0.0004
2,2',3,3',5,5'-HxCB	PCB-133	35694-04-3	0.0002	0.0002	UJ	0.0002
2,3,3',5,5',6'-HxCB	PCB-165	74472-46-1	0.0057	0.0003	NJ	0.0003
2,2',3,4',5,5'-HxCB	PCB-146	51908-16-8	0.0114	0.0003	J	0.0003
	PCB-132/161		0.0063	0.0003	NJ	0.0003
2,2',4,4',5,5'-HxCB	PCB-153	35065-27-1	0.005	0.0003	NJ	0.0003
2,3',4,4',5',6'-HxCB	PCB-168	59291-65-5	0.0002	0.0002	UJ	0.0002
2,2',3,4,5,5'-HxCB	PCB-141	52712-04-6	0.0003	0.0003	UJ	0.0003
2,2',3,4,4',5'-HxCB	PCB-137	35694-06-5	0.002	0.0003	NJ	0.0003
2,2',3,3',4,5'-HxCB	PCB-130	52663-66-8	0.001	0.0003	NJ	0.0003
	PCB-163/164		0.0003	0.0003	UJ	0.0003
	PCB-138/160		0.0044	0.0003	J	0.0003
2,3,3',4,4',6'-HxCB	PCB-158	74472-42-7	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,5'-HxCB	PCB-129	55215-18-4	0.0003	0.0003	UJ	0.0003
2,3,4,4',5,6'-HxCB	PCB-166	41411-63-6	0.0002	0.0002	UJ	0.0002
2,3,3',4,5,5'-HxCB	PCB-159	39635-35-3	0.0002	0.0002	UJ	0.0002
	PCB-128/162		0.0003	0.0003	UJ	0.0003
2,3',4,4',5,5'-HxCB	PCB-167	52663-72-6	0.0025	0.0003	NJ	0.0003
2,3,3',4,4',5'-HxCB	PCB-156	38380-08-4	0.0002	0.0002	UJ	0.0002
2,3,3',4,4',5'-HxCB	PCB-157	69782-90-7	0.0003	0.0003	UJ	0.0003
3,3',4,4',5,5'-HxCB	PCB-169	32774-16-6	0.0004	0.0004	UJ	0.0004
2,2',3,4',5,6,6'-HpCB	PCB-188	74487-85-7	0.0002	0.0002	UJ	0.0002
2,2',3,4,4',6,6'-HpCB	PCB-184	74472-48-3	0.0002	0.0002	UJ	0.0002
2,2',3,3',5,6,6'-HpCB	PCB-179	52663-64-6	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,6,6'-HpCB	PCB-176	52663-65-7	0.0002	0.0002	UJ	0.0002
2,2',3,4,5,6,6'-HpCB	PCB-186	74472-49-4	0.0002	0.0002	UJ	0.0002
2,2',3,3',5,5',6'-HpCB	PCB-178	52663-67-9	0.0041	0.0002	NJ	0.0002
2,2',3,3',4,5',6'-HpCB	PCB-175	40186-70-7	0.0002	0.0002	UJ	0.0002
	PCB-182/187		0.0003	0.0002	NJ	0.0002
2,2',3,4,4',5',6'-HpCB	PCB-183	52663-69-1	0.0002	0.0002	UJ	0.0002
2,2',3,4,5,5',6'-HpCB	PCB-185	52712-05-7	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,5,6'-HpCB	PCB-174	38411-25-5	0.0002	0.0002	UJ	0.0002
2,2',3,4,4',5,6'-HpCB	PCB-181	74472-47-2	0.009	0.0002	NJ	0.0002
2,2',3,3',4,5',6'-HpCB	PCB-177	52663-70-4	0.0002	0.0002	UJ	0.0002



# DATA REPORT

Client:	City of Spokane	Contact: Jeff Donovan
Client ID:	PCB Product Sample (013-091814-0940)	Date Extracted: 12/3/2014
Field ID:	#14-15227 (Pesticide/Herbicide)	Date Analysed: 12/15/2014
PRL ID:	PR142941	HRMS File: FS12141407

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,2',3,3',4,4',6-HpCB	PCB-171	52663-71-5	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,5,6-HpCB	PCB-173	68194-16-1	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,5,5'-HpCB	PCB-172	52663-74-8	0.0003	0.0003	UJ	0.0003
2,3,3',4,5,5',6-HpCB	PCB-192	74472-51-8	0.0463	0.0002		0.0002
2,2',3,4,4',5,5'-HpCB	PCB-180	35065-29-3	0.0003	0.0003	UJ	0.0003
2,3,3',4',5,5',6-HpCB	PCB-193	69782-91-8	0.0002	0.0002	UJ	0.0002
2,3,3',4,4',5,6-HpCB	PCB-191	74472-50-7	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,4',5-HpCB	PCB-170	35065-30-6	0.0003	0.0003	UJ	0.0003
2,3,3',4,4',5,6-HpCB	PCB-190	41411-64-7	0.0002	0.0002	UJ	0.0002
2,3,3',4,4',5,5'-HpCB	PCB-189	39635-31-9	0.0001	0.0001	UJ	0.0001
2,2',3,3',5,5',6,6'-OcCB	PCB-202	2136-99-4	0.0012	0.0001	NJ	0.0001
2,2',3,3',4,5',6,6'-OcCB	PCB-201	40186-71-8	0.0001	0.0001	UJ	0.0001
2,2',3,4,4',5,6,6'-OcCB	PCB-204	74472-52-9	0.0001	0.0001	UJ	0.0001
2,2',3,3',4,4',6,6'-OcCB	PCB-197	33091-17-7	0.0001	0.0001	UJ	0.0001
2,2',3,3',4,5,6,6'-OcCB	PCB-200	52663-73-7	0.0001	0.0001	UJ	0.0001
2,2',3,3',4,5,5',6-OcCB	PCB-198	68194-17-2	0.0072	0.0002	NJ	0.0002
2,2',3,3',4,5,5',6'-OcCB	PCB-199	52663-75-9	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,4',5,6'-OcCB	PCB-196	42740-50-1	0.0002	0.0002	UJ	0.0002
2,2',3,4,4',5,5',6-OcCB	PCB-203	52663-76-0	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,4',5,6-OcCB	PCB-195	52663-78-2	0.0001	0.0001	UJ	0.0001
2,2',3,3',4,4',5,5'-OcCB	PCB-194	35694-08-7	0.0014	0.0001	NJ	0.0001
2,3,3',4,4',5,5',6-OcCB	PCB-205	74472-53-0	0.0002	0.0001	NJ	0.0001
2,2',3,3',4,5,5',6,6'-NoCB	PCB-208	52663-77-1	0.0007	0.0007	UJ	0.0007
2,2',3,3',4,4',5,6,6'-NoCB	PCB-207	52663-79-3	0.0026	0.0007	NJ	0.0007
2,2',3,3',4,4',5,5',6-NoCB	PCB-206	40186-72-9	0.0008	0.0008	UJ	0.0008
2,2',3,3',4,4',5,5',6,6'-DeCB	PCB-209	2051-24-3	0.008	0.0001	J	0.0001

Homologs	# of Congeners	Conc.	DL	Flag
Monochlorobiphenyls	3	0.0012	0.0012	UJ
Dichlorobiphenyls	12	0.0018	0.0018	UJ
Trichlorobiphenyls	24	0.0064	0.0008	J
Tetrachlorobiphenyls	42	5.81	0.0008	
Pentachlorobiphenyls	46	1.02	0.0009	
Hexachlorobiphenyls	42	0.0158	0.0002	J
Heptachlorobiphenyls	24	0.0463	0.0001	
Octachlorobiphenyls	12	0.0001	0.0001	UJ
Nonachlorobiphenyls	3	0.0007	0.0007	UJ
Decachlorobiphenyl	1	0.008	0.0001	J
<b>Total PCB</b>		<b>6.91</b>	<b>0.0001</b>	



# DATA REPORT

Client:	City of Spokane	Contact: Jeff Donovan
Client ID:	PCB Product Sample (013-091814-0940)	Date Extracted: 12/3/2014
Field ID:	#14-15227 (Pesticide/Herbicide)	Date Analysed: 12/15/2014
PRL ID:	PR142941	HRMS File: FS12141407

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
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Surrogate Recoveries			Acceptance	
Chemical Name	IUPAC #	%	Min	Max
<sup>13</sup> C <sub>12</sub> -2-MoCB	1L	36	5	145
<sup>13</sup> C <sub>12</sub> -4-MoCB	3L	22	5	145
<sup>13</sup> C <sub>12</sub> -2,2'-DiCB	4L	51	5	145
<sup>13</sup> C <sub>12</sub> -4,4'-DiCB	15L	23	5	145
<sup>13</sup> C <sub>12</sub> -2,2',6'-TrCB	19L	39	5	145
<sup>13</sup> C <sub>12</sub> -3,4,4'-TrCB	37L	47	5	145
<sup>13</sup> C <sub>12</sub> -2,2',6,6'-TeCB	54L	50	5	145
<sup>13</sup> C <sub>12</sub> -3,4,4',5'-TeCB	81L	52	5	145
<sup>13</sup> C <sub>12</sub> -3,3',4,4'-TeCB	77L	14	10	145
<sup>13</sup> C <sub>12</sub> -2,2',4,6,6'-PeCB	104L	63	10	145
<sup>13</sup> C <sub>12</sub> -2',3,4,4',5'-PeCB	123L	76	10	145
<sup>13</sup> C <sub>12</sub> -2,3',4,4',5'-PeCB	118L	80	10	145
<sup>13</sup> C <sub>12</sub> -2,3,4,4',5'-PeCB	114L	68	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4'-PeCB	105L	79	10	145
<sup>13</sup> C <sub>12</sub> -3,3',4,4',5'-PeCB	126L	75	10	145
<sup>13</sup> C <sub>12</sub> -2,2',4,4',6,6'-HxCB	155L	67	10	145
<sup>13</sup> C <sub>12</sub> -2,3',4,4',5,5'-HxCB	167L	70	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5'-HxCB	156L	86	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5'-HxCB	157L	88	10	145
<sup>13</sup> C <sub>12</sub> -3,3',4,4',5,5'-HxCB	169L	100	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,4',5,6,6'-HpCB	188L	90	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5,5'-HpCB	189L	111	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',5,5',6,6'-OeCB	202L	86	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5,5',6-OeCB	205L	74	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',4',5,5',6,6'-NoCB	208L	135	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',4,4',5,5',6-NoCB	206L	96	10	145
<sup>13</sup> C <sub>12</sub> -DeCB	209L	95	10	145
<sup>13</sup> C <sub>12</sub> -2,4,4'-TrCB	28L	57	5	145
<sup>13</sup> C <sub>12</sub> -2,3,3',5,5'-PeCB	111L	59	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',5,5',6-HpCB	178L	74	10	145



# DATA REPORT

Client:	<u>City of Spokane</u>	Contact: <u>Jeff Donovan</u>
Client ID:	<u>PCB Product Sample (014-091814-0945)</u>	Date Extracted: <u>12/3/2014</u>
Field ID:	<u>#14-15228 (Pesticide/Herbicide)</u>	Date Analysed: <u>12/15/2014</u>
PRL ID:	<u>PR142942</u>	HRMS File: <u>FS12141406</u>

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2-MoCB	PCB-001	2051-60-7	0.0009	0.0009	UJ	0.0009
3-MoCB	PCB-002	2051-61-8	0.0021	0.0021	UJ	0.0021
4-MoCB	PCB-003	2051-62-9	0.0031	0.0031	UJ	0.0031
2,6-DiCB	PCB-010	33146-45-1	0.003	0.003	UJ	0.003
2,2'-DiCB	PCB-004	13029-08-8	0.0072	0.0026	J	0.0026
2,5-DiCB	PCB-009	34883-39-1	0.0037	0.0037	UJ	0.0037
2,4-DiCB	PCB-007	33284-50-3	0.002	0.002	UJ	0.002
2,3'-DiCB	PCB-006	25569-80-6	0.0031	0.0031	UJ	0.0031
2,3/2,4'-DiCB	PCB-005/008		0.0027	0.0027	UJ	0.0027
3,5-DiCB	PCB-014	34883-41-5	0.0033	0.0033	UJ	0.0033
3,3'-DiCB	PCB-011	2050-67-1	0.0035	0.0035	UJ	0.0035
3,4/3,4'-DiCB	PCB-012/013		0.0031	0.0031	UJ	0.0031
4,4'-DiCB	PCB-015	2050-68-2	0.0094	0.0094	UJ	0.0094
2,2',6-TrCB	PCB-019	38444-73-4	0.0011	0.0011	UJ	0.0011
2,4,6-TrCB	PCB-030	35693-92-6	0.0015	0.0015	UJ	0.0015
2,2',5-TrCB	PCB-018	37680-65-2	0.0043	0.0019	NJ	0.0019
2,2',4-TrCB	PCB-017	37680-66-3	0.0019	0.0019	UJ	0.0019
2,3,6-TrCB	PCB-024	55702-45-9	0.0017	0.0017	UJ	0.0017
2,3',6-TrCB	PCB-027	38444-76-7	0.001	0.001	UJ	0.001
2,4',6-TrCB	PCB-032	38444-77-8	0.0014	0.0014	UJ	0.0014
2,2',3-TrCB	PCB-016	38444-78-9	0.0022	0.0022	UJ	0.0022
2,3,5-TrCB	PCB-023	55720-44-0	0.0011	0.0011	UJ	0.0011
2,3',5-TrCB	PCB-034	37680-68-5	0.0011	0.0011	UJ	0.0011
2,4,5-TrCB	PCB-029	15862-07-4	0.0009	0.0007	NJ	0.0007
2,3',5-TrCB	PCB-026	38444-81-4	0.001	0.001	UJ	0.001
2,3',4-TrCB	PCB-025	55712-37-3	0.001	0.001	UJ	0.001
2,4',5-TrCB	PCB-031	16606-02-3	0.0056	0.0007	NJ	0.0007
2,4,4'-TrCB	PCB-028	7012-37-5	0.0064	0.0012	NJ	0.0012
2,3,4-TrCB	PCB-021	55702-46-0	0.0016	0.0016	UJ	0.0016
	PCB-020/033		0.0022	0.0011	NJ	0.0011
2,3,4'-TrCB	PCB-022	38444-85-8	0.0031	0.0014	NJ	0.0014
3,3',5-TrCB	PCB-036	38444-87-0	0.0009	0.0009	UJ	0.0009
3,4',5-TrCB	PCB-039	38444-88-1	0.0011	0.0011	UJ	0.0011
3,4,5-TrCB	PCB-038	53555-66-1	0.0013	0.0013	UJ	0.0013
3,3',4-TrCB	PCB-035	37680-69-6	0.0011	0.0011	UJ	0.0011
3,4,4'-TrCB	PCB-037	38444-90-5	0.0052	0.0052	UJ	0.0052
2,2',6,6'-TeCB	PCB-054	15968-05-5	0.0003	0.0003	UJ	0.0003
2,2',4,6-TeCB	PCB-050	62796-65-0	0.0017	0.0007	NJ	0.0007
2,2',5,6'-TeCB	PCB-053	41464-41-9	0.0018	0.0007	NJ	0.0007
2,2',4,6'-TeCB	PCB-051	68194-04-7	0.0007	0.0007	UJ	0.0007
2,2',3,6-TeCB	PCB-045	70362-45-7	0.0007	0.0007	UJ	0.0007
2,2',3,6'-TeCB	PCB-046	41464-47-5	0.0009	0.0009	UJ	0.0009
	PCB-052/069		0.0101	0.0007	J	0.0007
2,3',5',6-TeCB	PCB-073	74338-23-1	0.0005	0.0005	UJ	0.0005
	PCB-043/049		0.0007	0.0007	UJ	0.0007
	PCB-065/075		0.0007	0.0007	UJ	0.0007
	PCB-047/048		0.0023	0.0006	J	0.0006
2,3,4,6-TeCB	PCB-062	54230-22-7	0.0004	0.0004	UJ	0.0004
2,2',3,5'-TeCB	PCB-044	41464-39-5	0.0011	0.0011	UJ	0.0011
2,3,3',6-TeCB	PCB-059	74472-33-6	0.0023	0.0006	NJ	0.0006
2,2',3,4'-TeCB	PCB-042	36559-22-5	0.0008	0.0008	UJ	0.0008
	PCB-064/072		0.0006	0.0006	UJ	0.0006



# DATA REPORT

Client:	<u>City of Spokane</u>	Contact: <u>Jeff Donovan</u>
Client ID:	<u>PCB Product Sample (014-091814-0945)</u>	Date Extracted: <u>12/3/2014</u>
Field ID:	<u>#14-15228 (Pesticide/Herbicide)</u>	Date Analysed: <u>12/15/2014</u>
PRL ID:	<u>PR142942</u>	HRMS File: <u>FS12141406</u>

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3',4',6-TeCB	PCB-071	41464-46-4	0.0005	0.0005	UJ	0.0005
2,2',3,4-TeCB	PCB-041	52663-59-9	0.0007	0.0007	UJ	0.0007
2,3',4,5'-TeCB	PCB-068	73575-52-7	0.0025	0.0006	NJ	0.0006
	PCB-040/057		0.002	0.0007	J	0.0007
2,3',4,5-TeCB	PCB-067	73575-53-8	0.0007	0.0007	UJ	0.0007
2,3,4',5-TeCB	PCB-063	74472-34-7	0.0007	0.0007	UJ	0.0007
2,3,3',5'-TeCB	PCB-058	41464-49-7	0.0011	0.0004	NJ	0.0004
2,3,4,5-TeCB	PCB-061	33284-53-6	0.0006	0.0006	UJ	0.0006
2,4,4',5-TeCB	PCB-074	32690-93-0	0.0006	0.0006	UJ	0.0006
2,3',4',5-TeCB	PCB-070	32598-11-1	0.0009	0.0009	UJ	0.0009
	PCB-055/080		0.0006	0.0006	UJ	0.0006
2,3',4,4'-TeCB	PCB-066	32598-10-0	0.0004	0.0004	UJ	0.0004
2,3',4',5'-TeCB	PCB-076	70362-48-0	0.0007	0.0007	UJ	0.0007
2,3,4,4'-TeCB	PCB-060	33025-41-1	0.001	0.001	UJ	0.001
2,3,3',4'-TeCB	PCB-056	41464-43-1	0.0005	0.0005	UJ	0.0005
3,3',4,5'-TeCB	PCB-079	41464-48-6	0.0008	0.0008	UJ	0.0008
3,3',4,5-TeCB	PCB-078	70362-49-1	0.0006	0.0006	UJ	0.0006
3,4,4',5-TeCB	PCB-081	70362-50-4	0.0017	0.0017	UJ	0.0017
3,3',4,4'-TeCB	PCB-077	32598-13-3	0.0019	0.0019	UJ	0.0019
2,2',4,6,6'-PeCB	PCB-104	56558-16-8	0.0006	0.0006	UJ	0.0006
2,2',3,6,6'-PeCB	PCB-096	73575-54-9	0.0008	0.0008	UJ	0.0008
2,2',4,5',6-PeCB	PCB-103	60145-21-3	0.0009	0.0009	UJ	0.0009
2,2',4,4',6-PeCB	PCB-100	39485-83-1	0.001	0.001	UJ	0.001
2,2',3,5,6'-PeCB	PCB-094	73575-55-0	0.0012	0.0012	UJ	0.0012
	PCB-093/098/102		0.0011	0.0011	UJ	0.0011
2,2',3,5',6-PeCB	PCB-095	38379-99-6	0.0039	0.0008	J	0.0008
2,2',3,4,6-PeCB	PCB-088	55215-17-3	0.0011	0.0011	UJ	0.0011
	PCB-091/121		0.0009	0.0009	UJ	0.0009
2,2',3,3',6-PeCB	PCB-084	52663-60-2	0.0011	0.0011	UJ	0.0011
2,2',3,5,5'-PeCB	PCB-092	52663-61-3	0.0012	0.0012	UJ	0.0012
2,2',3,4,6'-PeCB	PCB-089	73575-57-2	0.0012	0.0012	UJ	0.0012
2,2',3,4',5-PeCB	PCB-090	68194-07-0	0.0013	0.0013	UJ	0.0013
2,2',4,5,5'-PeCB	PCB-101	37680-73-2	0.0009	0.0009	UJ	0.0009
2,3,3',5',6-PeCB	PCB-113	68194-10-5	0.0009	0.0009	UJ	0.0009
2,2',4,4',5-PeCB	PCB-099	38380-01-7	0.001	0.001	UJ	0.001
	PCB-112/119		0.0008	0.0008	UJ	0.0008
	PCB-083/109		0.0011	0.0011	UJ	0.0011
	PCB-086/117		0.0012	0.0012	UJ	0.0012
	PCB-097/116		0.001	0.001	UJ	0.001
2,3',4',5',6-PeCB	PCB-125	74472-39-2	0.0008	0.0008	UJ	0.0008
	PCB-087/115		0.001	0.001	UJ	0.001
2,3,3',5,5'-PeCB	PCB-111	39635-32-0	0.0008	0.0008	UJ	0.0008
2,2',3,4,4'-PeCB	PCB-085	65510-45-4	0.0021	0.0011	NJ	0.0011
2,3',4,5,5'-PeCB	PCB-120	68194-12-7	0.001	0.001	UJ	0.001
2,3,3',4',6-PeCB	PCB-110	38380-03-9	0.0015	0.0008	NJ	0.0008
2,2',3,3',4-PeCB	PCB-082	52663-62-4	0.0013	0.0013	UJ	0.0013
2,3',4',5,5'-PeCB	PCB-124	70424-70-3	0.0004	0.0004	UJ	0.0004
	PCB-107/108		0.0005	0.0005	UJ	0.0005
2,3',4,4',5'-PeCB	PCB-123	65510-44-3	0.0005	0.0005	UJ	0.0005
2,3,3',4,5-PeCB	PCB-106	70424-69-0	0.0005	0.0005	UJ	0.0005
2,3',4,4',5-PeCB	PCB-118	31508-00-6	0.0006	0.0006	UJ	0.0006
2,3,4,4',5-PeCB	PCB-114	74472-37-0	0.0006	0.0006	UJ	0.0006



# DATA REPORT

Client:	<u>City of Spokane</u>	Contact: <u>Jeff Donovan</u>
Client ID:	<u>PCB Product Sample (014-091814-0945)</u>	Date Extracted: <u>12/3/2014</u>
Field ID:	<u>#14-15228 (Pesticide/Herbicide)</u>	Date Analysed: <u>12/15/2014</u>
PRL ID:	<u>PR142942</u>	HRMS File: <u>FS12141406</u>

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3,3',4',5'-PeCB	PCB-122	76842-07-4	0.0005	0.0005	UJ	0.0005
	PCB-105/127		0.0006	0.0006	UJ	0.0006
3,3',4,4',5'-PeCB	PCB-126	57465-28-8	0.0012	0.0012	UJ	0.0012
2,2',4,4',6,6'-HxCB	PCB-155	33979-03-2	0.0003	0.0003	UJ	0.0003
2,2',3,4',6,6'-HxCB	PCB-150	68194-08-1	0.0004	0.0004	UJ	0.0004
2,2',3,5,6,6'-HxCB	PCB-152	68194-09-2	0.0003	0.0003	UJ	0.0003
2,2',3,4,6,6'-HxCB	PCB-145	74472-40-5	0.0004	0.0004	UJ	0.0004
	PCB-136/148		0.0004	0.0004	UJ	0.0004
2,2',4,4',5,6'-HxCB	PCB-154	60145-22-4	0.0004	0.0004	UJ	0.0004
2,2',3,5,5',6'-HxCB	PCB-151	52663-63-5	0.0005	0.0005	UJ	0.0005
2,2',3,3',5,6'-HxCB	PCB-135	52744-13-5	0.0006	0.0006	UJ	0.0006
2,2',3,4,5',6'-HxCB	PCB-144	68194-14-9	0.0005	0.0005	UJ	0.0005
2,2',3,4',5,6'-HxCB	PCB-147	68194-13-8	0.0004	0.0004	UJ	0.0004
	PCB-139/149		0.0005	0.0005	UJ	0.0005
2,2',3,4,4',6'-HxCB	PCB-140	59291-64-4	0.0002	0.0002	NJ	0.0002
2,2',3,4,5,6'-HxCB	PCB-143	68194-15-0	0.0004	0.0002	NJ	0.0002
2,2',3,3',5,6'-HxCB	PCB-134	52704-70-8	0.0003	0.0003	UJ	0.0003
2,2',3,4,5,6'-HxCB	PCB-142	41411-61-4	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,6'-HxCB	PCB-131	61798-70-7	0.0003	0.0003	UJ	0.0003
2,2',3,3',5,5'-HxCB	PCB-133	35694-04-3	0.0002	0.0002	UJ	0.0002
2,3,3',5,5',6'-HxCB	PCB-165	74472-46-1	0.0002	0.0002	UJ	0.0002
2,2',3,4',5,5'-HxCB	PCB-146	51908-16-8	0.0002	0.0002	UJ	0.0002
	PCB-132/161		0.0002	0.0002	UJ	0.0002
2,2',4,4',5,5'-HxCB	PCB-153	35065-27-1	0.0008	0.0002	NJ	0.0002
2,3',4,4',5',6'-HxCB	PCB-168	59291-65-5	0.0001	0.0001	UJ	0.0001
2,2',3,4,5,5'-HxCB	PCB-141	52712-04-6	0.0002	0.0002	UJ	0.0002
2,2',3,4,4',5'-HxCB	PCB-137	35694-06-5	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,5'-HxCB	PCB-130	52663-66-8	0.0002	0.0002	UJ	0.0002
	PCB-163/164		0.0002	0.0002	UJ	0.0002
	PCB-138/160		0.0003	0.0002	NJ	0.0002
2,3,3',4,4',6'-HxCB	PCB-158	74472-42-7	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,5'-HxCB	PCB-129	55215-18-4	0.0002	0.0002	UJ	0.0002
2,3,4,4',5,6'-HxCB	PCB-166	41411-63-6	0.0002	0.0002	UJ	0.0002
2,3,3',4,5,5'-HxCB	PCB-159	39635-35-3	0.0002	0.0002	UJ	0.0002
	PCB-128/162		0.0002	0.0002	UJ	0.0002
2,3',4,4',5,5'-HxCB	PCB-167	52663-72-6	0.0002	0.0002	UJ	0.0002
2,3,3',4,4',5'-HxCB	PCB-156	38380-08-4	0.0007	0.0002	NJ	0.0002
2,3,3',4,4',5'-HxCB	PCB-157	69782-90-7	0.0005	0.0002	NJ	0.0002
3,3',4,4',5,5'-HxCB	PCB-169	32774-16-6	0.0003	0.0003	UJ	0.0003
2,2',3,4',5,6,6'-HpCB	PCB-188	74487-85-7	0.0002	0.0002	UJ	0.0002
2,2',3,4,4',6,6'-HpCB	PCB-184	74472-48-3	0.0001	0.0001	UJ	0.0001
2,2',3,3',5,6,6'-HpCB	PCB-179	52663-64-6	0.0001	0.0001	UJ	0.0001
2,2',3,3',4,6,6'-HpCB	PCB-176	52663-65-7	0.0001	0.0001	UJ	0.0001
2,2',3,4,5,6,6'-HpCB	PCB-186	74472-49-4	0.0002	0.0002	UJ	0.0002
2,2',3,3',5,5',6'-HpCB	PCB-178	52663-67-9	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,5',6'-HpCB	PCB-175	40186-70-7	0.0002	0.0002	UJ	0.0002
	PCB-182/187		0.0002	0.0002	UJ	0.0002
2,2',3,4,4',5',6'-HpCB	PCB-183	52663-69-1	0.0002	0.0002	UJ	0.0002
2,2',3,4,5,5',6'-HpCB	PCB-185	52712-05-7	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,5,6'-HpCB	PCB-174	38411-25-5	0.0002	0.0002	UJ	0.0002
2,2',3,4,4',5,6'-HpCB	PCB-181	74472-47-2	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,5',6'-HpCB	PCB-177	52663-70-4	0.0002	0.0002	UJ	0.0002



# DATA REPORT

Client:	<u>City of Spokane</u>	Contact: <u>Jeff Donovan</u>
Client ID:	<u>PCB Product Sample (014-091814-0945)</u>	Date Extracted: <u>12/3/2014</u>
Field ID:	<u>#14-15228 (Pesticide/Herbicide)</u>	Date Analysed: <u>12/15/2014</u>
PRL ID:	<u>PR142942</u>	HRMS File: <u>FS12141406</u>

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,2',3,3',4,4',6-HpCB	PCB-171	52663-71-5	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,5,6-HpCB	PCB-173	68194-16-1	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,5,5'-HpCB	PCB-172	52663-74-8	0.0002	0.0002	UJ	0.0002
2,3,3',4,5,5',6-HpCB	PCB-192	74472-51-8	0.0002	0.0002	UJ	0.0002
2,2',3,4,4',5,5'-HpCB	PCB-180	35065-29-3	0.0003	0.0003	UJ	0.0003
2,3,3',4',5,5',6-HpCB	PCB-193	69782-91-8	0.0001	0.0001	UJ	0.0001
2,3,3',4,4',5,6-HpCB	PCB-191	74472-50-7	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,4',5-HpCB	PCB-170	35065-30-6	0.0002	0.0002	UJ	0.0002
2,3,3',4,4',5,6-HpCB	PCB-190	41411-64-7	0.0001	0.0001	UJ	0.0001
2,3,3',4,4',5,5'-HpCB	PCB-189	39635-31-9	0.0001	0.0001	UJ	0.0001
2,2',3,3',5,5',6,6'-OcCB	PCB-202	2136-99-4	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,5',6,6'-OcCB	PCB-201	40186-71-8	0.0002	0.0002	UJ	0.0002
2,2',3,4,4',5,6,6'-OcCB	PCB-204	74472-52-9	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,4',6,6'-OcCB	PCB-197	33091-17-7	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,5,6,6'-OcCB	PCB-200	52663-73-7	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,5,5',6-OcCB	PCB-198	68194-17-2	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,5,5',6'-OcCB	PCB-199	52663-75-9	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,4',5,6'-OcCB	PCB-196	42740-50-1	0.0003	0.0003	UJ	0.0003
2,2',3,4,4',5,5',6-OcCB	PCB-203	52663-76-0	0.0003	0.0003	UJ	0.0003
2,2',3,3',4,4',5,6-OcCB	PCB-195	52663-78-2	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,4',5,5'-OcCB	PCB-194	35694-08-7	0.0002	0.0002	UJ	0.0002
2,3,3',4,4',5,5',6-OcCB	PCB-205	74472-53-0	0.0001	0.0001	UJ	0.0001
2,2',3,3',4,5,5',6,6'-NoCB	PCB-208	52663-77-1	0.0009	0.0009	UJ	0.0009
2,2',3,3',4,4',5,6,6'-NoCB	PCB-207	52663-79-3	0.0017	0.0008	UJ	0.0008
2,2',3,3',4,4',5,5',6-NoCB	PCB-206	40186-72-9	0.0009	0.0009	UJ	0.0009
2,2',3,3',4,4',5,5',6,6'-DeCB	PCB-209	2051-24-3	0.0001	0.0001	UJ	0.0001

Homologs	# of Congeners			
Monochlorobiphenyls	3	0.0009	0.0009	UJ
Dichlorobiphenyls	12	0.0072	0.002	J
Trichlorobiphenyls	24	0.0007	0.0007	UJ
Tetrachlorobiphenyls	42	0.0144	0.0003	J
Pentachlorobiphenyls	46	0.0039	0.0004	J
Hexachlorobiphenyls	42	0.0001	0.0001	UJ
Heptachlorobiphenyls	24	0.0001	0.0001	UJ
Octachlorobiphenyls	12	0.0001	0.0001	UJ
Nonachlorobiphenyls	3	0.0008	0.0008	UJ
Decachlorobiphenyl	1	0.0001	0.0001	UJ
<b>Total PCB</b>		<b>0.0255</b>	<b>0.0001</b>	



# DATA REPORT

Client:	City of Spokane	Contact: Jeff Donovan
Client ID:	PCB Product Sample (014-091814-0945)	Date Extracted: 12/3/2014
Field ID:	#14-15228 (Pesticide/Herbicide)	Date Analysed: 12/15/2014
PRL ID:	PR142942	HRMS File: FS12141406

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
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Surrogate Recoveries			Acceptance	
Chemical Name	IUPAC #	%	Min	Max
<sup>13</sup> C <sub>12</sub> -2-MoCB	1L	38	5	145
<sup>13</sup> C <sub>12</sub> -4-MoCB	3L	31	5	145
<sup>13</sup> C <sub>12</sub> -2,2'-DiCB	4L	41	5	145
<sup>13</sup> C <sub>12</sub> -4,4'-DiCB	15L	33	5	145
<sup>13</sup> C <sub>12</sub> -2,2',6'-TrCB	19L	41	5	145
<sup>13</sup> C <sub>12</sub> -3,4,4'-TrCB	37L	63	5	145
<sup>13</sup> C <sub>12</sub> -2,2',6,6'-TeCB	54L	61	5	145
<sup>13</sup> C <sub>12</sub> -3,4,4',5'-TeCB	81L	78	5	145
<sup>13</sup> C <sub>12</sub> -3,3',4,4'-TeCB	77L	40	10	145
<sup>13</sup> C <sub>12</sub> -2,2',4,6,6'-PeCB	104L	55	10	145
<sup>13</sup> C <sub>12</sub> -2',3,4,4',5'-PeCB	123L	67	10	145
<sup>13</sup> C <sub>12</sub> -2,3',4,4',5'-PeCB	118L	72	10	145
<sup>13</sup> C <sub>12</sub> -2,3,4,4',5'-PeCB	114L	65	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4'-PeCB	105L	76	10	145
<sup>13</sup> C <sub>12</sub> -3,3',4,4',5'-PeCB	126L	74	10	145
<sup>13</sup> C <sub>12</sub> -2,2',4,4',6,6'-HxCB	155L	64	10	145
<sup>13</sup> C <sub>12</sub> -2,3',4,4',5,5'-HxCB	167L	67	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5'-HxCB	156L	61	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5'-HxCB	157L	79	10	145
<sup>13</sup> C <sub>12</sub> -3,3',4,4',5,5'-HxCB	169L	92	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,4',5,6,6'-HpCB	188L	68	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5,5'-HpCB	189L	78	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',5,5',6,6'-OeCB	202L	79	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5,5',6-OeCB	205L	84	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',4',5,5',6,6'-NoCB	208L	94	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',4,4',5,5',6-NoCB	206L	85	10	145
<sup>13</sup> C <sub>12</sub> -DeCB	209L	93	10	145
<sup>13</sup> C <sub>12</sub> -2,4,4'-TrCB	28L	64	5	145
<sup>13</sup> C <sub>12</sub> -2,3,3',5,5'-PeCB	111L	67	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',5,5',6-HpCB	178L	78	10	145



# QC REPORT - BLANK

Client: City of Spokane  
 Client ID: BLANK  
 Field ID: Pesticide/Herbicide  
 PRL ID: PC141003B

Contact: Jeff Donovan  
 Date Extracted: 12/3/2014  
 Date Analysed: 12/14/2014  
 HRMS File: FS12131422

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2-MoCB	PCB-001	2051-60-7	0.0011	0.0011	UJ	0.0011
3-MoCB	PCB-002	2051-61-8	0.0023	0.0023	UJ	0.0023
4-MoCB	PCB-003	2051-62-9	0.0024	0.0024	UJ	0.0024
2,6-DiCB	PCB-010	33146-45-1	0.0023	0.0023	UJ	0.0023
2,2'-DiCB	PCB-004	13029-08-8	0.0023	0.0023	UJ	0.0023
2,5-DiCB	PCB-009	34883-39-1	0.0029	0.0029	UJ	0.0029
2,4-DiCB	PCB-007	33284-50-3	0.0016	0.0016	UJ	0.0016
2,3'-DiCB	PCB-006	25569-80-6	0.0025	0.0025	UJ	0.0025
2,3/2,4'-DiCB	PCB-005/008		0.0029	0.0021	NJ	0.0021
3,5-DiCB	PCB-014	34883-41-5	0.0026	0.0026	UJ	0.0026
3,3'-DiCB	PCB-011	2050-67-1	0.0127	0.0028	NJ	0.0028
3,4/3,4'-DiCB	PCB-012/013		0.0025	0.0025	UJ	0.0025
4,4'-DiCB	PCB-015	2050-68-2	0.0052	0.0052	UJ	0.0052
2,2',6-TrCB	PCB-019	38444-73-4	0.0009	0.0009	UJ	0.0009
2,4,6-TrCB	PCB-030	35693-92-6	0.0011	0.0011	UJ	0.0011
2,2',5-TrCB	PCB-018	37680-65-2	0.006	0.0014	J	0.0014
2,2',4-TrCB	PCB-017	37680-66-3	0.0022	0.0015	NJ	0.0015
2,3,6-TrCB	PCB-024	55702-45-9	0.0013	0.0013	UJ	0.0013
2,3',6-TrCB	PCB-027	38444-76-7	0.0008	0.0008	UJ	0.0008
2,4',6-TrCB	PCB-032	38444-77-8	0.0011	0.0011	UJ	0.0011
2,2',3-TrCB	PCB-016	38444-78-9	0.0017	0.0017	UJ	0.0017
2,3,5-TrCB	PCB-023	55720-44-0	0.0009	0.0009	UJ	0.0009
2,3',5-TrCB	PCB-034	37680-68-5	0.0009	0.0009	UJ	0.0009
2,4,5-TrCB	PCB-029	15862-07-4	0.0005	0.0005	NJ	0.0005
2,3',5-TrCB	PCB-026	38444-81-4	0.0011	0.0007	NJ	0.0007
2,3',4-TrCB	PCB-025	55712-37-3	0.0008	0.0008	UJ	0.0008
2,4',5-TrCB	PCB-031	16606-02-3	0.002	0.0006	NJ	0.0006
2,4,4'-TrCB	PCB-028	7012-37-5	0.0054	0.0009	J	0.0009
2,3,4-TrCB	PCB-021	55702-46-0	0.0013	0.0013	UJ	0.0013
	PCB-020/033		0.0009	0.0009	UJ	0.0009
2,3,4'-TrCB	PCB-022	38444-85-8	0.0016	0.0011	J	0.0011
3,3',5-TrCB	PCB-036	38444-87-0	0.0007	0.0007	UJ	0.0007
3,4',5-TrCB	PCB-039	38444-88-1	0.0008	0.0008	UJ	0.0008
3,4,5-TrCB	PCB-038	53555-66-1	0.001	0.001	UJ	0.001
3,3',4-TrCB	PCB-035	37680-69-6	0.0009	0.0009	UJ	0.0009
3,4,4'-TrCB	PCB-037	38444-90-5	0.0039	0.0039	UJ	0.0039
2,2',6,6'-TeCB	PCB-054	15968-05-5	0.0002	0.0002	UJ	0.0002
2,2',4,6'-TeCB	PCB-050	62796-65-0	0.0003	0.0003	UJ	0.0003
2,2',5,6'-TeCB	PCB-053	41464-41-9	0.0009	0.0003	NJ	0.0003
2,2',4,6'-TeCB	PCB-051	68194-04-7	0.0003	0.0003	UJ	0.0003
2,2',3,6'-TeCB	PCB-045	70362-45-7	0.0003	0.0003	UJ	0.0003
2,2',3,6'-TeCB	PCB-046	41464-47-5	0.0004	0.0004	UJ	0.0004
	PCB-052/069		0.0075	0.0003	J	0.0003
2,3',5',6'-TeCB	PCB-073	74338-23-1	0.0002	0.0002	UJ	0.0002
	PCB-043/049		0.0003	0.0003	UJ	0.0003
	PCB-065/075		0.0003	0.0003	UJ	0.0003
	PCB-047/048		0.0003	0.0003	UJ	0.0003
2,3,4,6'-TeCB	PCB-062	54230-22-7	0.0006	0.0002	NJ	0.0002
2,2',3,5'-TeCB	PCB-044	41464-39-5	0.0005	0.0005	UJ	0.0005
2,3,3',6'-TeCB	PCB-059	74472-33-6	0.0003	0.0003	UJ	0.0003



# QC REPORT - BLANK

Client: City of Spokane  
 Client ID: BLANK  
 Field ID: Pesticide/Herbicide  
 PRL ID: PC141003B

Contact: Jeff Donovan  
 Date Extracted: 12/3/2014  
 Date Analysed: 12/14/2014  
 HRMS File: FS12131422

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,2',3,4'-TeCB	PCB-042	36559-22-5	0.0004	0.0004	UJ	0.0004
	PCB-064/072		0.0003	0.0003	UJ	0.0003
2,3',4',6-TeCB	PCB-071	41464-46-4	0.0002	0.0002	UJ	0.0002
2,2',3,4-TeCB	PCB-041	52663-59-9	0.0003	0.0003	UJ	0.0003
2,3',4,5'-TeCB	PCB-068	73575-52-7	0.0003	0.0003	UJ	0.0003
	PCB-040/057		0.0003	0.0003	UJ	0.0003
2,3',4,5-TeCB	PCB-067	73575-53-8	0.0003	0.0003	UJ	0.0003
2,3,4',5-TeCB	PCB-063	74472-34-7	0.0003	0.0003	UJ	0.0003
2,3,3',5'-TeCB	PCB-058	41464-49-7	0.0002	0.0002	UJ	0.0002
2,3,4,5-TeCB	PCB-061	33284-53-6	0.0003	0.0003	UJ	0.0003
2,4,4',5-TeCB	PCB-074	32690-93-0	0.0003	0.0003	UJ	0.0003
	PCB-070	32598-11-1	0.0024	0.0004	NJ	0.0004
	PCB-055/080		0.0017	0.0003	NJ	0.0003
2,3',4,4'-TeCB	PCB-066	32598-10-0	0.0002	0.0002	UJ	0.0002
2,3',4',5'-TeCB	PCB-076	70362-48-0	0.0003	0.0003	UJ	0.0003
2,3,4,4'-TeCB	PCB-060	33025-41-1	0.0005	0.0005	NJ	0.0005
2,3,3',4'-TeCB	PCB-056	41464-43-1	0.0002	0.0002	UJ	0.0002
3,3',4,5'-TeCB	PCB-079	41464-48-6	0.0004	0.0004	UJ	0.0004
3,3',4,5-TeCB	PCB-078	70362-49-1	0.0003	0.0003	UJ	0.0003
3,4,4',5-TeCB	PCB-081	70362-50-4	0.0007	0.0007	UJ	0.0007
3,3',4,4'-TeCB	PCB-077	32598-13-3	0.0007	0.0007	UJ	0.0007
2,2',4,6,6'-PeCB	PCB-104	56558-16-8	0.0005	0.0005	UJ	0.0005
2,2',3,6,6'-PeCB	PCB-096	73575-54-9	0.0008	0.0008	UJ	0.0008
2,2',4,5',6-PeCB	PCB-103	60145-21-3	0.0009	0.0009	UJ	0.0009
2,2',4,4',6-PeCB	PCB-100	39485-83-1	0.001	0.001	UJ	0.001
2,2',3,5,6'-PeCB	PCB-094	73575-55-0	0.0012	0.0012	UJ	0.0012
	PCB-093/098/102		0.0011	0.0011	UJ	0.0011
2,2',3,5',6-PeCB	PCB-095	38379-99-6	0.0034	0.0009	J	0.0009
2,2',3,4,6-PeCB	PCB-088	55215-17-3	0.0011	0.0011	UJ	0.0011
	PCB-091/121		0.0009	0.0009	UJ	0.0009
2,2',3,3',6-PeCB	PCB-084	52663-60-2	0.0012	0.0012	UJ	0.0012
2,2',3,5,5'-PeCB	PCB-092	52663-61-3	0.0012	0.0012	UJ	0.0012
2,2',3,4,6'-PeCB	PCB-089	73575-57-2	0.0024	0.0012	NJ	0.0012
2,2',3,4',5-PeCB	PCB-090	68194-07-0	0.0013	0.0013	UJ	0.0013
2,2',4,5,5'-PeCB	PCB-101	37680-73-2	0.0047	0.0009	NJ	0.0009
2,3,3',5',6-PeCB	PCB-113	68194-10-5	0.0009	0.0009	UJ	0.0009
2,2',4,4',5-PeCB	PCB-099	38380-01-7	0.001	0.001	UJ	0.001
	PCB-112/119		0.0008	0.0008	UJ	0.0008
	PCB-083/109		0.0011	0.0011	UJ	0.0011
	PCB-086/117		0.0013	0.0013	UJ	0.0013
	PCB-097/116		0.001	0.001	UJ	0.001
2,3',4',5',6-PeCB	PCB-125	74472-39-2	0.0008	0.0008	UJ	0.0008
	PCB-087/115		0.0011	0.0011	UJ	0.0011
2,3,3',5,5'-PeCB	PCB-111	39635-32-0	0.0008	0.0008	UJ	0.0008
2,2',3,4,4'-PeCB	PCB-085	65510-45-4	0.0011	0.0011	UJ	0.0011
2,3',4,5,5'-PeCB	PCB-120	68194-12-7	0.001	0.001	UJ	0.001
2,3,3',4',6-PeCB	PCB-110	38380-03-9	0.0008	0.0008	UJ	0.0008
2,2',3,3',4-PeCB	PCB-082	52663-62-4	0.0014	0.0014	UJ	0.0014
2,3',4',5,5'-PeCB	PCB-124	70424-70-3	0.0004	0.0004	UJ	0.0004
	PCB-107/108		0.0005	0.0005	UJ	0.0005



# QC REPORT - BLANK

Client: City of Spokane  
 Client ID: BLANK  
 Field ID: Pesticide/Herbicide  
 PRL ID: PC141003B

Contact: Jeff Donovan  
 Date Extracted: 12/3/2014  
 Date Analysed: 12/14/2014  
 HRMS File: FS12131422

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
2,3',4,4',5'-PeCB	PCB-123	65510-44-3	0.0006	0.0006	UJ	0.0006
2,3,3',4,5'-PeCB	PCB-106	70424-69-0	0.0005	0.0005	UJ	0.0005
2,3',4,4',5'-PeCB	PCB-118	31508-00-6	0.0009	0.0007	NJ	0.0007
2,3,4,4',5'-PeCB	PCB-114	74472-37-0	0.0007	0.0007	UJ	0.0007
2,3,3',4',5'-PeCB	PCB-122	76842-07-4	0.0006	0.0006	UJ	0.0006
	PCB-105/127		0.0006	0.0006	UJ	0.0006
3,3',4,4',5'-PeCB	PCB-126	57465-28-8	0.001	0.001	UJ	0.001
2,2',4,4',6,6'-HxCB	PCB-155	33979-03-2	0.0002	0.0002	UJ	0.0002
2,2',3,4',6,6'-HxCB	PCB-150	68194-08-1	0.0003	0.0003	UJ	0.0003
2,2',3,5,6,6'-HxCB	PCB-152	68194-09-2	0.0002	0.0002	UJ	0.0002
2,2',3,4,6,6'-HxCB	PCB-145	74472-40-5	0.0003	0.0003	UJ	0.0003
	PCB-136/148		0.0003	0.0003	UJ	0.0003
2,2',4,4',5,6'-HxCB	PCB-154	60145-22-4	0.0003	0.0003	UJ	0.0003
2,2',3,5,5',6'-HxCB	PCB-151	52663-63-5	0.0003	0.0003	UJ	0.0003
2,2',3,3',5,6'-HxCB	PCB-135	52744-13-5	0.0004	0.0004	UJ	0.0004
2,2',3,4,5',6'-HxCB	PCB-144	68194-14-9	0.0004	0.0004	UJ	0.0004
2,2',3,4',5,6'-HxCB	PCB-147	68194-13-8	0.0003	0.0003	UJ	0.0003
	PCB-139/149		0.0022	0.0004	NJ	0.0004
2,2',3,4,4',6'-HxCB	PCB-140	59291-64-4	0.0001	0.0001	UJ	0.0001
2,2',3,4,5,6'-HxCB	PCB-143	68194-15-0	0.0002	0.0002	UJ	0.0002
2,2',3,3',5,6'-HxCB	PCB-134	52704-70-8	0.0002	0.0002	UJ	0.0002
2,2',3,4,5,6'-HxCB	PCB-142	41411-61-4	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,6'-HxCB	PCB-131	61798-70-7	0.0002	0.0002	UJ	0.0002
2,2',3,3',5,5'-HxCB	PCB-133	35694-04-3	0.0001	0.0001	UJ	0.0001
2,3,3',5,5',6'-HxCB	PCB-165	74472-46-1	0.0001	0.0001	UJ	0.0001
2,2',3,4',5,5'-HxCB	PCB-146	51908-16-8	0.0006	0.0001	NJ	0.0001
	PCB-132/161		0.0001	0.0001	UJ	0.0001
2,2',4,4',5,5'-HxCB	PCB-153	35065-27-1	0.0059	0.0001	J	0.0001
2,3',4,4',5',6'-HxCB	PCB-168	59291-65-5	0.0001	0.0001	UJ	0.0001
2,2',3,4,5,5'-HxCB	PCB-141	52712-04-6	0.0015	0.0002	J	0.0002
2,2',3,4,4',5'-HxCB	PCB-137	35694-06-5	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,5'-HxCB	PCB-130	52663-66-8	0.0002	0.0002	UJ	0.0002
	PCB-163/164		0.0012	0.0001	NJ	0.0001
	PCB-138/160		0.0044	0.0001	J	0.0001
2,3,3',4,4',6'-HxCB	PCB-158	74472-42-7	0.0001	0.0001	UJ	0.0001
2,2',3,3',4,5'-HxCB	PCB-129	55215-18-4	0.0002	0.0002	UJ	0.0002
2,3,4,4',5,6'-HxCB	PCB-166	41411-63-6	0.0001	0.0001	UJ	0.0001
2,3,3',4,5,5'-HxCB	PCB-159	39635-35-3	0.0001	0.0001	UJ	0.0001
	PCB-128/162		0.0004	0.0001	NJ	0.0001
2,3',4,4',5,5'-HxCB	PCB-167	52663-72-6	0.0001	0.0001	UJ	0.0001
2,3,3',4,4',5'-HxCB	PCB-156	38380-08-4	0.0001	0.0001	UJ	0.0001
2,3,3',4,4',5'-HxCB	PCB-157	69782-90-7	0.0001	0.0001	UJ	0.0001
3,3',4,4',5,5'-HxCB	PCB-169	32774-16-6	0.0003	0.0002	NJ	0.0002
2,2',3,4',5,6',6'-HpCB	PCB-188	74487-85-7	0.0002	0.0002	UJ	0.0002
2,2',3,4,4',6,6'-HpCB	PCB-184	74472-48-3	0.0001	0.0001	UJ	0.0001
2,2',3,3',5,6,6'-HpCB	PCB-179	52663-64-6	0.0001	0.0001	UJ	0.0001
2,2',3,3',4,6,6'-HpCB	PCB-176	52663-65-7	0.0001	0.0001	UJ	0.0001
2,2',3,4,5,6,6'-HpCB	PCB-186	74472-49-4	0.0001	0.0001	UJ	0.0001
2,2',3,3',5,5',6'-HpCB	PCB-178	52663-67-9	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,5',6'-HpCB	PCB-175	40186-70-7	0.0002	0.0002	UJ	0.0002



# QC REPORT - BLANK

Client:	City of Spokane	Contact:	Jeff Donovan
Client ID:	BLANK	Date Extracted:	12/3/2014
Field ID:	Pesticide/Herbicide	Date Analysed:	12/14/2014
PRL ID:	PC141003B	HRMS File:	FS12131422

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
	PCB-182/187		0.0004	0.0002	NJ	0.0002
2,2',3,4,4',5',6'-HpCB	PCB-183	52663-69-1	0.0023	0.0002	J	0.0002
2,2',3,4,5,5',6'-HpCB	PCB-185	52712-05-7	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,5,6'-HpCB	PCB-174	38411-25-5	0.0002	0.0002	UJ	0.0002
2,2',3,4,4',5,6'-HpCB	PCB-181	74472-47-2	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,5,6'-HpCB	PCB-177	52663-70-4	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,4',6'-HpCB	PCB-171	52663-71-5	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,5,6'-HpCB	PCB-173	68194-16-1	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,5,5'-HpCB	PCB-172	52663-74-8	0.0002	0.0002	UJ	0.0002
2,3,3',4,5,5',6'-HpCB	PCB-192	74472-51-8	0.0002	0.0002	UJ	0.0002
2,2',3,4,4',5,5'-HpCB	PCB-180	35065-29-3	0.0015	0.0002	NJ	0.0002
2,3,3',4,5,5',6'-HpCB	PCB-193	69782-91-8	0.0001	0.0001	UJ	0.0001
2,3,3',4,4',5',6'-HpCB	PCB-191	74472-50-7	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,4',5'-HpCB	PCB-170	35065-30-6	0.0002	0.0002	UJ	0.0002
2,3,3',4,4',5,6'-HpCB	PCB-190	41411-64-7	0.0001	0.0001	UJ	0.0001
2,3,3',4,4',5,5'-HpCB	PCB-189	39635-31-9	0.0001	0.0001	UJ	0.0001
2,2',3,3',5,5',6,6'-OoCB	PCB-202	2136-99-4	0.0001	0.0001	UJ	0.0001
2,2',3,3',4,5',6,6'-OoCB	PCB-201	40186-71-8	0.0001	0.0001	UJ	0.0001
2,2',3,4,4',5,6,6'-OoCB	PCB-204	74472-52-9	0.0001	0.0001	UJ	0.0001
2,2',3,3',4,4',6,6'-OoCB	PCB-197	33091-17-7	0.0001	0.0001	UJ	0.0001
2,2',3,3',4,5,6,6'-OoCB	PCB-200	52663-73-7	0.0001	0.0001	UJ	0.0001
2,2',3,3',4,5,5',6'-OoCB	PCB-198	68194-17-2	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,5,5',6'-OoCB	PCB-199	52663-75-9	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,4',5,6'-OoCB	PCB-196	42740-50-1	0.0002	0.0002	UJ	0.0002
2,2',3,4,4',5,5',6'-OoCB	PCB-203	52663-76-0	0.0002	0.0002	UJ	0.0002
2,2',3,3',4,4',5,6'-OoCB	PCB-195	52663-78-2	0.0001	0.0001	UJ	0.0001
2,2',3,3',4,4',5,5'-OoCB	PCB-194	35694-08-7	0.0022	0.0001	NJ	0.0001
2,3,3',4,4',5,5',6'-OoCB	PCB-205	74472-53-0	0.0001	0.0001	UJ	0.0001
2,2',3,3',4,5,5',6,6'-NoCB	PCB-208	52663-77-1	0.0008	0.0008	UJ	0.0008
2,2',3,3',4,4',5,6,6'-NoCB	PCB-207	52663-79-3	0.0007	0.0007	UJ	0.0007
2,2',3,3',4,4',5,5',6'-NoCB	PCB-206	40186-72-9	0.0007	0.0007	UJ	0.0007
2,2',3,3',4,4',5,5',6,6'-DeCB	PCB-209	2051-24-3	0.0001	0.0001	UJ	0.0001

Homologs	# of Congeners			
Monochlorobiphenyls	3	0.0011	0.0011	UJ
Dichlorobiphenyls	12	0.0016	0.0016	UJ
Trichlorobiphenyls	24	0.013	0.0005	J
Tetrachlorobiphenyls	42	0.0075	0.0002	J
Pentachlorobiphenyls	46	0.0034	0.0004	J
Hexachlorobiphenyls	42	0.0118	0.0001	J
Heptachlorobiphenyls	24	0.0023	0.0001	J
Octachlorobiphenyls	12	0.0001	0.0001	UJ
Nonachlorobiphenyls	3	0.0007	0.0007	UJ
Decachlorobiphenyl	1	0.0001	0.0001	UJ
<b>Total PCB</b>		<b>0.038</b>	<b>0.0001</b>	



# QC REPORT - BLANK

Client: City of Spokane  
 Client ID: BLANK  
 Field ID: Pesticide/Herbicide  
 PRL ID: PC141003B

Contact: Jeff Donovan  
 Date Extracted: 12/3/2014  
 Date Analysed: 12/14/2014  
 HRMS File: FS12131422

IUPAC Name	PCB #	CAS #	Conc. ug/Kg	DL ug/Kg	Flag	2.5xS/N ug/Kg
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Surrogate Recoveries			Acceptance	
Chemical Name	IUPAC #	%	Min	Max
<sup>13</sup> C <sub>12</sub> -2-MoCB	1L	30	5	145
<sup>13</sup> C <sub>12</sub> -4-MoCB	3L	25	5	145
<sup>13</sup> C <sub>12</sub> -2,2'-DiCB	4L	44	5	145
<sup>13</sup> C <sub>12</sub> -4,4'-DiCB	15L	42	5	145
<sup>13</sup> C <sub>12</sub> -2,2',6'-TriCB	19L	58	5	145
<sup>13</sup> C <sub>12</sub> -3,4,4'-TriCB	37L	50	5	145
<sup>13</sup> C <sub>12</sub> -2,2',6,6'-TeCB	54L	49	5	145
<sup>13</sup> C <sub>12</sub> -3,4,4',5'-TeCB	81L	61	5	145
<sup>13</sup> C <sub>12</sub> -3,3',4,4'-TeCB	77L	54	10	145
<sup>13</sup> C <sub>12</sub> -2,2',4,6,6'-PeCB	104L	54	10	145
<sup>13</sup> C <sub>12</sub> -2',3,4,4',5'-PeCB	123L	55	10	145
<sup>13</sup> C <sub>12</sub> -2,3',4,4',5'-PeCB	118L	59	10	145
<sup>13</sup> C <sub>12</sub> -2,3,4,4',5'-PeCB	114L	56	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4'-PeCB	105L	62	10	145
<sup>13</sup> C <sub>12</sub> -3,3',4,4',5'-PeCB	126L	62	10	145
<sup>13</sup> C <sub>12</sub> -2,2',4,4',6,6'-HxCB	155L	56	10	145
<sup>13</sup> C <sub>12</sub> -2,3',4,4',5,5'-HxCB	167L	68	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5-HxCB	156L	75	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5'-HxCB	157L	78	10	145
<sup>13</sup> C <sub>12</sub> -3,3',4,4',5,5'-HxCB	169L	79	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,4',5,6,6'-HpCB	188L	59	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5,5'-HpCB	189L	75	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',5,5',6,6'-OeCB	202L	89	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5,5',6-OeCB	205L	69	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',4',5,5',6,6'-NoCB	208L	81	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',4,4',5,5',6-NoCB	206L	79	10	145
<sup>13</sup> C <sub>12</sub> -DeCB	209L	96	10	145
<sup>13</sup> C <sub>12</sub> -2,4,4'-TriCB	28L	55	5	145
<sup>13</sup> C <sub>12</sub> -2,3,3',5'-PeCB	111L	58	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',5,5',6'-HpCB	178L	78	10	145



# QC REPORT - SPIKE

Project:	City of Spokane	Contact:	Jeff Donovan
Client ID:	SPIKE (LCS)	Date Extracted:	12/3/2014
Field ID:	Pesticide/Herbicide	Date Analysed:	12/14/2014
PRL ID:	PC141004S	HRMS File:	FS12131419

Polychlorinated Biphenyls				Accept. Recovery			Pass/Fail	Surrogate
Chemical Name	IUPAC #	CAS No.	LOF ug/Kg	Recovery %	Min %	Max %		Recoveries %
2-MoCB	PCB-001	2051-60-7	0.1	94.8	60	135	Pass	45
4-MoCB	PCB-003	2051-62-9	0.1	110.4	60	135	Pass	30
2,6-DiCB	PCB-010	33146-45-1	0.1	115.4				-
2,2'-DiCB	PCB-004	13029-08-8	0.1	120.1	60	135	Pass	46
	PCB-005/008		0.1	129.6				-
4,4'-DiCB	PCB-015	2050-68-2	0.1	113.8	60	135	Pass	34
2,2',6-TrCB	PCB-019	38444-73-4	0.1	97.3	60	135	Pass	52
2,2',5-TrCB	PCB-018	37680-65-2	0.1	114.2				-
2,4,4'-TrCB	PCB-028	7012-37-5	0.1	101.2				-
	PCB-020/033		0.1	92.0				-
2,3,4'-TrCB	PCB-022	38444-85-8	0.1	129.9				-
3,4,4'-TrCB	PCB-037	38444-90-5	0.1	121.6	60	135	Pass	64
2,2',6,6'-TeCB	PCB-054	15968-05-5	0.1	109.8	60	135	Pass	51
	PCB-052/069		0.1	128.9				-
	PCB-043/049		0.1	128.1				-
2,2',3,5'-TeCB	PCB-044	41464-39-5	0.1	149.6				-
2,2',3,4-TeCB	PCB-041	52663-59-9	0.1	57.7				-
2,2',3,3'-TeCB	PCB-040	38444-93-8	0.1	67.2				-
2,4,4',5-TeCB	PCB-074	32690-93-0	0.1	125.4				-
2,3',4',5-TeCB	PCB-070	32598-11-1	0.1	153.6				-
2,3',4,4'-TeCB	PCB-066	32598-10-0	0.1	71.3				-
2,3,4,4'-TeCB	PCB-060	33025-41-1	0.1	80.5				-
3,4,4',5-TeCB	PCB-081	70362-50-4	0.1	113.3	60	135	Pass	63
3,3',4,4'-TeCB	PCB-077	32598-13-3	0.1	90.7	60	135	Pass	52
2,2',4,6,6'-PeCB	PCB-104	56558-16-8	0.1	101.9	60	135	Pass	59
2,2',3,5',6-PeCB	PCB-095	38379-99-6	0.1	86.1				-
2,2',3,4',5-PeCB	PCB-090	68194-07-0	0.1	76.6				-
2,2',4,5,5'-PeCB	PCB-101	37680-73-2	0.1	123.2				-
2,2',4,4',5-PeCB	PCB-099	38380-01-7	0.1	101.9				-
2,3',4,4',6-PeCB	PCB-119	56558-17-9	0.1	112.2				-
	PCB-087/115		0.1	93.3				-
2,3,3',4',6-PeCB	PCB-110	38380-03-9	0.1	122.4				-
2,3',4,4',5'-PeCB	PCB-123	65510-44-3	0.1	115.6	60	135	Pass	69
2,3',4,4',5-PeCB	PCB-118	31508-00-6	0.1	118.4	60	135	Pass	68
2,3,4,4',5-PeCB	PCB-114	74472-37-0	0.1	128.4	60	135	Pass	67
2,3,3',4,4'-PeCB	PCB-105	32598-14-4	0.1	113.5	60	135	Pass	72
3,3',4,4',5-PeCB	PCB-126	57465-28-8	0.1	119.1	60	135	Pass	75
2,2',4,4',6,6'-HxCB	PCB-155	33979-03-2	0.1	105.5	60	135	Pass	69
2,2',3,5,5',6-HxCB	PCB-151	52663-63-5	0.1	96.3				-
	PCB-139/149		0.1	126.9				-
2,2',4,4',5,5'-HxCB	PCB-153	35065-27-1	0.1	92.8				-
2,3',4,4',5',6-HxCB	PCB-168	59291-65-5	0.1	108.9				-
2,2',3,4,5,5'-HxCB	PCB-141	52712-04-6	0.1	74.7				-
2,2',3,4,4',5-HxCB	PCB-137	35694-06-5	0.1	73.5				-
2,2',3,4,4',5'-HxCB	PCB-138	35065-28-2	0.1	88.9				-
2,3,3',4,4',6-HxCB	PCB-158	74472-42-7	0.1	88.8				-
2,2',3,3',4,5-HxCB	PCB-129	55215-18-4	0.1	69.0				-
2,2',3,3',4,4'-HxCB	PCB-128	38380-07-3	0.1	85.8				-
2,3',4,4',5,5'-HxCB	PCB-167	52663-72-6	0.1	112.7	60	135	Pass	69
2,3,3',4,4',5-HxCB	PCB-156	38380-08-4	0.1	114.9	60	135	Pass	70
2,3,3',4,4',5'-HxCB	PCB-157	69782-90-7	0.1	115.4	60	135	Pass	74
3,3',4,4',5,5'-HxCB	PCB-169	32774-16-6	0.1	98.6	60	135	Pass	84



# QC REPORT - SPIKE

Project:	City of Spokane	Contact:	Jeff Donovan
Client ID:	SPIKE (LCS)	Date Extracted:	12/3/2014
Field ID:	Pesticide/Herbicide	Date Analysed:	12/14/2014
PRL ID:	PC141004S	HRMS File:	FS12131419

Polychlorinated Biphenyls					Accept. Recovery		Pass/Fail	Surrogate
Chemical Name	IUPAC #	CAS No.	LOF ug/Kg	Recovery %	Min %	Max %		Recoveries %
2,2',3,4',5,6,6'-HpCB	PCB-188	74487-85-7	0.1	111.1	60	135	Pass	65
2,2',3,3',5,5',6-HpCB	PCB-178	52663-67-9	0.1	106.8				-
	PCB-182/187		0.1	109.3				-
2,2',3,4,4',5',6-HpCB	PCB-183	52663-69-1	0.1	110.0				-
2,2',3,3',4,5',6'-HpCB	PCB-177	52663-70-4	0.1	105.9				-
2,2',3,3',4,4',6-HpCB	PCB-171	52663-71-5	0.1	102.3				-
2,2',3,4,4',5,5'-HpCB	PCB-180	35065-29-3	0.1	130.0				-
2,3,3',4',5,5',6-HpCB	PCB-193	69782-91-8	0.1	82.3				-
2,3,3',4,4',5',6-HpCB	PCB-191	74472-50-7	0.1	125.5				-
2,2',3,3',4,4',5-HpCB	PCB-170	35065-30-6	0.1	113.5				-
2,3,3',4,4',5,5'-HpCB	PCB-189	39635-31-9	0.1	111.5	60	135	Pass	72
2,2',3,3',5,5',6,6'-OcCB	PCB-202	2136-99-4	0.1	120.8	60	135	Pass	74
2,2',3,3',4,5',6,6'-OcCB	PCB-201	40186-71-8	0.1	109.2				-
2,2',3,3',4,5,5',6'-OcCB	PCB-199	52663-75-9	0.1	114.9				-
2,2',3,4,4',5,5',6-OcCB	PCB-203	52663-76-0	0.1	89.1				-
2,2',3,3',4,4',5,5'-OcCB	PCB-194	35694-08-7	0.1	99.3				-
2,3,3',4,4',5,5',6-OcCB	PCB-205	74472-53-0	0.1	105.3	60	135	Pass	69
2,2',3,3',4,5,5',6,6'-NoCB	PCB-208	52663-77-1	0.1	106.9	60	135	Pass	78
2,2',3,3',4,4',5,5',6-NoCB	PCB-206	40186-72-9	0.1	96.6	60	135	Pass	69
2,2',3,3',4,4',5,5',6,6'-DeCB	PCB-209	2051-24-3	0.1	84.3	60	135	Pass	73

LOF - level of fortification



**Acronyms used in reporting Polychlorinated Biphenyls (PCBs)**

MoCB = Monochlorobiphenyl  
 DiCB = Dichlorobiphenyl  
 TrCB = Trichlorobiphenyl  
 TeCB = Tetrachlorobiphenyl  
 PeCB = Pentachlorobiphenyl

HxCB = Hexachlorobiphenyl  
 HpCB = Heptachlorobiphenyl  
 OcCB = Octachlorobiphenyl  
 NoCB = Nonachlorobiphenyl  
 DeCB = Decachlorobiphenyl

**Acceptable recoveries for PCB Internal Standards - EPA 1668C**

Chemical Name	IUPAC #	Min	Max
<sup>13</sup> C <sub>12</sub> -2-MoCB	1L	5	145
<sup>13</sup> C <sub>12</sub> -4-MoCB	3L	5	145
<sup>13</sup> C <sub>12</sub> -2,2'-DiCB	4L	5	145
<sup>13</sup> C <sub>12</sub> -4,4'-DiCB	15L	5	145
<sup>13</sup> C <sub>12</sub> -2,2',6'-TrCB	19L	5	145
<sup>13</sup> C <sub>12</sub> -3,4,4'-TrCB	37L	5	145
<sup>13</sup> C <sub>12</sub> -2,2',6,6'-TeCB	54L	5	145
<sup>13</sup> C <sub>12</sub> -3,4,4',5'-TeCB	81L	10	145
<sup>13</sup> C <sub>12</sub> -3,3',4,4'-TeCB	77L	10	145
<sup>13</sup> C <sub>12</sub> -2,2',4,6,6'-PeCB	104L	10	145
<sup>13</sup> C <sub>12</sub> -2',3,4,4',5'-PeCB	123L	10	145
<sup>13</sup> C <sub>12</sub> -2,3',4,4',5'-PeCB	118L	10	145
<sup>13</sup> C <sub>12</sub> -2,3,4,4',5'-PeCB	114L	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4'-PeCB	105L	10	145
<sup>13</sup> C <sub>12</sub> -3,3',4,4',5'-PeCB	126L	10	145
<sup>13</sup> C <sub>12</sub> -2,2',4,4',6,6'-HxCB	155L	10	145
<sup>13</sup> C <sub>12</sub> -2,3',4,4',5,5'-HxCB	167L	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5'-HxCB	156L	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5'-HxCB	157L	10	145
<sup>13</sup> C <sub>12</sub> -3,3',4,4',5,5'-HxCB	169L	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,4',5,6,6'-HpCB	188L	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5,5'-HpCB	189L	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',5,5',6,6'-OcCB	202L	10	145
<sup>13</sup> C <sub>12</sub> -2,3,3',4,4',5,5',6'-OcCB	205L	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',4',5,5',6,6'-NoCB	208L	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',4,4',5,5',6'-NoCB	206L	10	145
<sup>13</sup> C <sub>12</sub> -DeCB	209L	10	145
<sup>13</sup> C <sub>12</sub> -2,4,4'-TrCB	28L	5	145
<sup>13</sup> C <sub>12</sub> -2,3,3',5,5'-PeCB	111L	10	145
<sup>13</sup> C <sub>12</sub> -2,2',3,3',5,5',6'-HpCB	178L	10	145





CHAIN OF CUSTODY RECORD / ANALYSIS REQUEST

Pacific Rim Laboratories Inc. #103, 19575 - 55A Avenue, Surrey, BC V3S 8P8 Tel: 604-532-8711 Fax: 604-532-8712

COMPANY: City of Spokane RPWRF CONTACT: Jeff Donovan  
 Project: PCB Product Testing PHONE: (509)-625-4638  
 Date: 11/14/14  
10/15/14

SAMPLE ID	PRL ID	DATE SAMPLED	SAMPLE MATRIX	NUMBER OF CONTAINERS								Date Requested	COMMENTS
				DIOXYNIFURAN	PCB - dibromobiphenyl & homolog	PCB - 209 congener	PAH	NDMA	TBT	Mercury/phenol			
104-101314-1100	PR142930	10/13/14	Liquid	1		X							shampoo
103-101314-1100	2931	10/13/14		1		X							liquid soap
102-101314-1100	2932	10/13/14		1		X							liquid detergent
101-101314-1100	2933	10/13/14		1		X							liquid soap
027-101014-0950	2934	10/10/14		1		X							liquid
023-101014-1035	2935	10/10/14		1		X							liquid
019-082114-1127	2936	8/21/14		1		X							Diesel
020-082114-1104	2937	8/21/14		1		X							Gasoline
006-082714-1045	2938	8/27/14		1		X							Aerosol Paint
005-100314-1430	2939	10/3/14		1		X							Aerosol Paint
012-091814-0930	2940	9/18/14		1		X							Pesticide/Herbicide
013-091814-0940	2941	9/18/14		1		X							Pesticide/Herbicide
014-091814-0945	2942	9/18/14	↓	1		X							Pesticide/Herbicide

Requester's Signature <i> Kyle Cragg </i>	Requested by: <i> Kyle Cragg </i>	Company <u>City of Spokane RPWRF</u>	Date <u>11/12/14</u>	Time <u>0930</u>	Received by:
Comments:	Method of Shipment <u>Fed Ex</u>	Waybill No.:	Rec'd for PRL: <i> [Signature] </i>	Date <u>14NOV14</u>	Time <u>09:30</u>
	Shipment Condition:	Temp.:	Container Opened By:		



CHAIN OF CUSTODY RECORD

City of Spokane, Wastewater Management
Wastewater Laboratory
4401 N. Aubrey L. White Parkway
Spokane, WA 99205
(509) 625-4600

From: Name: City of Spokane, RPWRF
Address: N. 4401 A.L. White Parkway
Spokane, WA 99205
Phone: (509) 625-4600
Contact: Mike Cannon

To: Name: Pacific Rim Laboratories Inc
Address: #103, 19575 55A Ave.
Surrey, BC V3S 8P8
Phone: (604) 532-8711
Contact: Dave Hope

Contract #: OPR 2012-0841
FedEx Tracking #:

Sample Transfer (sign below)

Test Parameters (include Method Number)

Handwritten signatures and dates for Relinquished and Received sections. Includes dates like 10/15/2014 and 14NOV14.

Table with columns: Sample Description, Type, RPWRF ID#, Collection Time, Date, Matrix, Preserv., Reporting units, # of Cont., Comments, and PCB's - EPA Method 1668C. Contains 13 rows of sample data.

Matrix: SW = Surface Water, DW = Drinking Water, GW = Ground Water, WW = Wastewater, L = Liquid, S = Solid/Sludge, SO = Soil, O = Other
Preservation: U = Unpreserved, F = Freeze, HNO3 = Nitric Acid, HCl = Hydrochloric Acid, H2SO4 = Sulfuric Acid, NaOH = Sodium Hydroxide, O = Other
Sample Type: G = Grab, C = Composite

Upon Rec'd Data, Complete Following Steps:
( ) Data Original to Respective File
( ) Invoice to Warehouse for Payment
( ) Data file location